SONY

User guide

Xperia™ E1

D2004/D2005

Contents

Getting started.....6
- Overview.....6
- Assembly.....7
- Starting your device for the first time.....8
- Why do I need a Google™ account?.....8
- Charging your device.....9

Learning the basics.....11
- Using the touchscreen.....11
- Locking and unlocking the screen.....13
- Home screen.....13
- Application screen.....14
- Navigating applications.....15
- Widgets.....16
- Shortcuts and folders.....17
- Background and themes.....18
- Taking a screenshot.....19
- Status and notifications.....19
- Icons in the status bar.....20
- Application overview.....21

Downloading applications.....23
- Downloading applications from Google Play™.....23
- Downloading applications from other sources.....23

Internet and networks.....24
- Browsing the web.....24
- Internet and messaging settings.....24
- Wi-Fi®.....25
- Sharing your mobile data connection.....26
- Controlling data usage.....27
- Selecting cellular networks.....28
- Virtual private networks (VPNs).....29

Synchronizing data on your device.....30
- About synchronizing data on your device.....30
- Synchronizing with Google™.....30
- Synchronizing your corporate email, calendar, and contacts.....30

Basic settings.....32
- Settings menu.....32
- Sound, ringtone, and volume.....32
- SIM card protection.....33
- Screen settings.....33

This is an Internet version of this publication. © Print only for private use.

Screen lock....34
Language settings....35
Date and time....35
Enhancing the sound output....35
Typing text....37
On-screen keyboard....37
Entering text using voice input....38
Editing text....38
Personalizing the Xperia keyboard....39
Calling....40
Making calls....40
Receiving calls....41
Ongoing calls....42
Using the call log....42
Forwarding calls....43
Restricting calls....43
Multiple calls....43
Conference calls....44
Voicemail....44
Emergency calls....45
Contacts....46
Transferring contacts....46
Searching and viewing contacts....47
Adding and editing contacts....48
Favorites and groups....49
Sending contact information....49
Avoiding duplicate entries in the Contacts application....49
Backing up contacts....50
Messaging....51
Reading and sending messages....51
Organizing your messages....52
Calling from a message....53
Messaging settings....53
Instant messaging and video chat....53
Email....55
Setting up email....55
Sending and receiving email messages....55
Email preview pane....57
Organizing your email messages....57
Email account settings....58
Gmail™....58

This is an Internet version of this publication. © Print only for private use.

Music.....60
Transferring music to your device.....60
Listening to music.....60
WALKMAN homescreen 61
Playlists.....62
Sharing music.....63
Enhancing the sound.....64
Visualizer 64
Recognizing music with TrackID™.....64
FM radio.....66
Listening to the radio.....66
Favorite radio channels.....67
Sound settings.....67
Camera.....68
Taking photos and recording videos.....68
Adding the geographical position to your photos.....69
General camera settings.....69
Still camera settings.....70
Video camera settings.....72
Photos and videos in Album.....73
Viewing photos and videos.....73
Sharing and managing photos and videos.....74
Editing photos with the Photo editor application.....75
Photo albums.....76
Viewing your photos on a map.....76
Videos.....78
Watching videos in the Movies application.....78
Transferring video content to your device.....79
Managing video content.....79
Connectivity.....80
Bluetooth® wireless technology.....80
Connecting your device to a computer.....82
Using a headset 84
Smart Connect.....84
Travel and maps.....86
Using location services.....86
Google Maps™ and navigation.....86
Using data traffic when traveling.....88
Airplane mode.....88
Calendar and alarm clock.....89
Calendar.....89
Alarm and clock.....90

This is an Internet version of this publication. © Print only for private use.

Support and maintenance.....92
Support for your device.....92
Updating your device.....92
IMEI number.....93
Battery and power management.....93
Memory and storage.....94
Resetting your device.....96
Recycling your phone.....96
Important information.....97
Important information leaflet.....97
Limitations to services and features.....97
Legal information.....97

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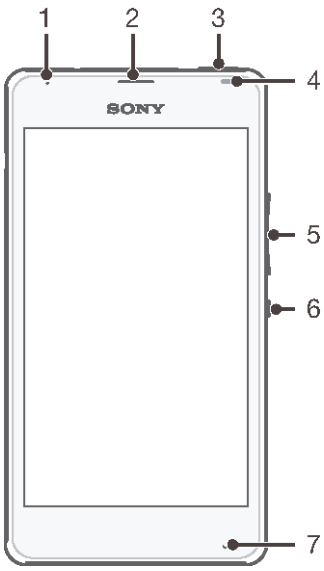
Getting started

Overview



1	Charging light/Notification light
2	Ear speaker
3	WALKMAN key
4	Proximity sensor/Light sensor
5	Volume/Zoom key
6	Power key
7	Main microphone

8	Second microphone
9	Headset jack
10	Camera lens
11	Charger/USB port cover

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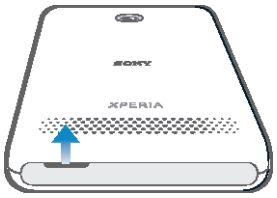
12	Speaker
13	Strap hole

Assembly

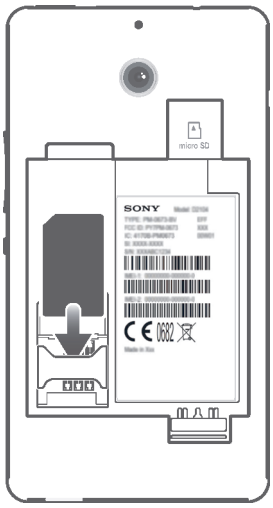
A protective plastic sheet is attached to the screen. You should peel off this sheet before using the touchscreen. Otherwise, the touchscreen might not function properly.

To remove the back cover



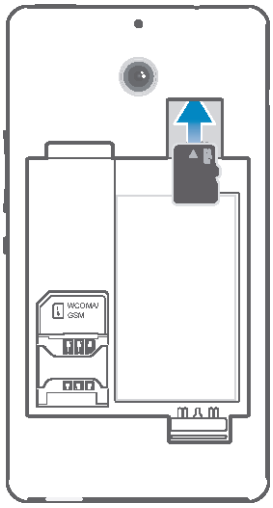
- Insert a fingernail into the gap (as shown in the illustration) and lift up the cover.

To insert the SIM card



- Remove the battery cover and the battery, then insert the SIM card into its slot with the gold-colored contacts facing down.

To insert a memory card



1. Remove the back cover and the battery.
2. Insert the memory card into the memory card slot, with the gold-colored contacts facing down.

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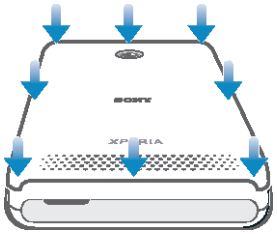
To attach the back cover



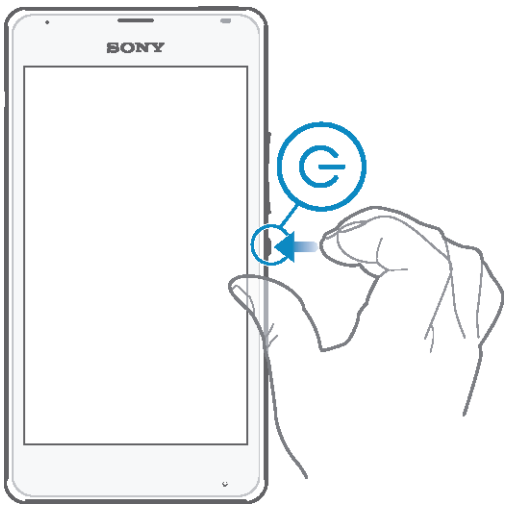
1 Place the back cover over the back of the device, then press down on the bottom corners to lock them into place.
2 Moving from bottom to top, press down the sides of the cover until the cover clicks into place.

Starting your device for the first time

The first time you start your device, a setup guide opens to help you configure basic settings, sign in to some accounts, and personalize your device. For example, if you have a Sony Entertainment Network account, you can sign in to it here and get set up straightaway. And you can download Internet and Wi-Fi® settings.

You can also access the setup guide later from the Settings menu.

To turn on the device



1 Press and hold down the power key until the device vibrates.
2 If your screen goes dark, briefly press the power key to activate the screen.
3 Enter your SIM card PIN when requested, then tap .
4 If your screen is locked, place a finger on the screen and swipe up or down to unlock it.
5 Wait a while for the device to start.

Your SIM card PIN is initially supplied by your service provider, but you can change it later from the Settings menu. To correct a mistake made while entering your SIM card PIN, tap .

To turn off the device

1 Press and hold down the power key until the options menu opens.
2 In the options menu, tap **Power off**.
3 Tap **OK**.

It may take a while for the device to shut down.

Why do I need a Google™ account?

Your Xperia™ device from Sony runs on the Android™ platform developed by Google™. A range of Google™ applications and services is available on your device

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when you purchase it, for example, Gmail™, Google Maps™, YouTube™, and Google Play™—the online store for downloading Android™ applications. To get the most out of these services, you need a Google™ account. For example, a Google™ account is mandatory if you want to:

- Download and install applications from Google Play™.
- Synchronize email, contacts, and the calendar.
- Chat with friends using the Hangouts™ application.
- Synchronize your browsing history and bookmarks.

For more information about Android™ and Google™, go to *www.sonymobile.com/support*.

To set up a Google™ account on your device

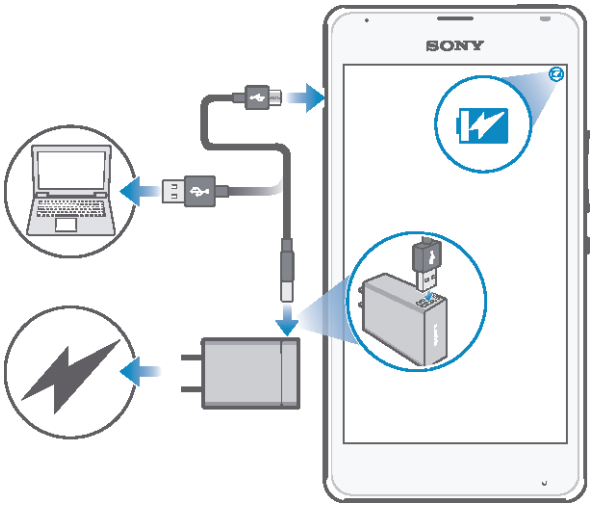
1. From your Home screen, tap .
2. Find and tap **Settings > Add account > Google**.
3. Follow the registration wizard to create a Google™ account, or sign in if you already have an account.

You can also sign in to or create a Google™ account from the setup guide the first time you start your device. Or you can go online and create an account at *www.google.com/accounts*.

Charging your device

The battery is partly charged when you buy the device. You can still use your device while it is charging. Read more about the battery and how to improve the performance in *Battery and power management* on page 93.

To charge your device



1. Plug the charger into a power outlet.
2. Plug one end of the USB cable into the charger (or into the USB port of a computer).
3. Plug the other end of the cable into the micro USB port on your device, with the USB symbol facing up. The notification light lights up when charging starts.
4. When the notification light is green, the device is fully charged. Disconnect the USB cable from your device by pulling it straight outward. Make sure not to bend the connector when removing the cable from the device.

If the battery is completely discharged, it may take a few minutes before the notification light lights up after you connect the charger cable to a power source.

Battery notification light status

Green	The battery charge level is greater than 90%
Flashing red	The battery level is low

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Orange	The battery is charging and the battery charge level is less than 90%

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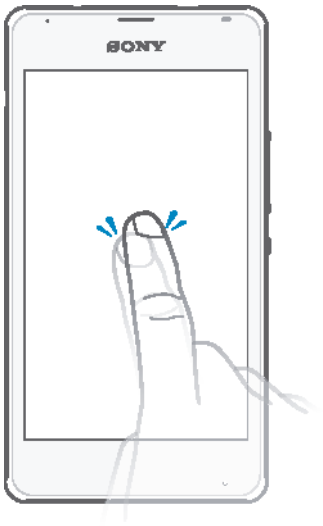
Learning the basics

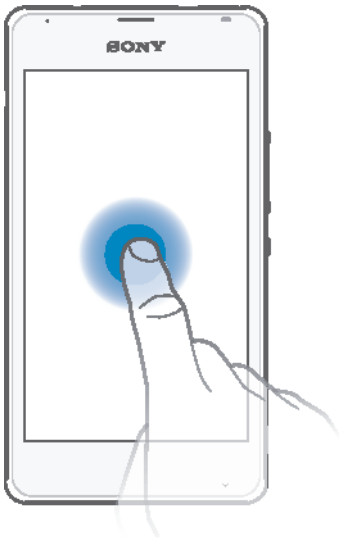
Using the touchscreen

Tapping



- Open or select an item.
- Mark or unmark a checkbox or option.
- Enter text using the on-screen keyboard.

Touching and holding



- Move an item.
- Activate an item-specific menu.
- Activate selection mode, for example, to select several items from a list.

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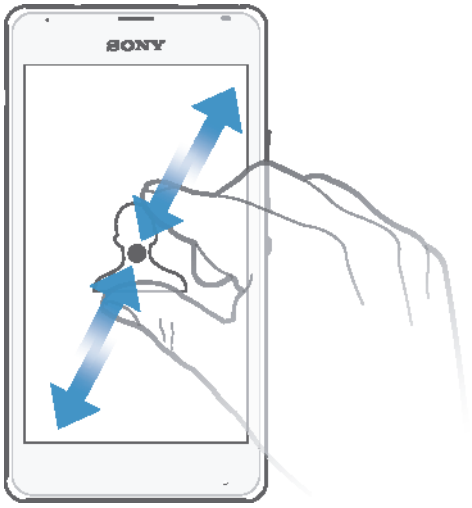
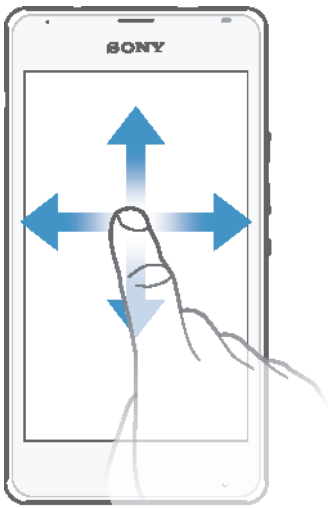
Pinching and spreading



- Zoom in or out on a web page, a photo, or a map.

Swiping



- Scroll up or down a list.
- Scroll left or right, for example, between Home screen panes.

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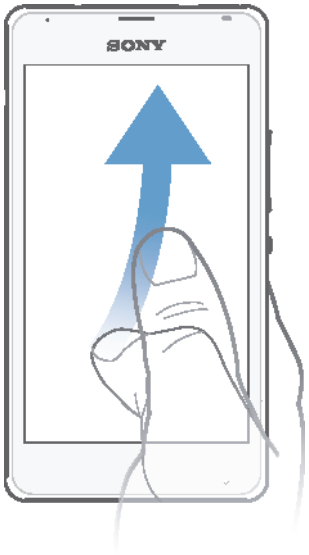
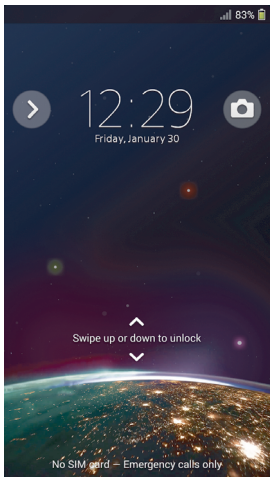
Flicking



- Scroll quickly, for example, in a list or on a web page. You can stop the scrolling movement by tapping the screen.

Locking and unlocking the screen

When your device is on and left idle for a set period of time, the screen darkens to save battery power and locks automatically. This lock prevents unwanted actions on the touchscreen when you are not using it. When you buy your device, a basic screen swipe lock is already set. In other words, you have to swipe up or down on the screen to unlock it. You can later change the security settings and add other kinds of locks. See *Screen lock* on the 34page.



To activate the screen

- Briefly press the power key ⏻.

To lock the screen

- When the screen is active, briefly press the power key ⏻.

Home screen

The Home screen is the starting point for using your device. It's similar to the desktop on a computer screen. Your Home screen can have up to seven panes, which extend beyond the regular screen display width. The number of Home screen panes is represented by a series of dots at the top of the Home screen. The highlighted dot shows the pane that you are currently in.

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To go to the Home screen

- Press ⌂.

To browse the Home screen

Home screen panes

You can add new panes to your Home screen (up to a maximum of seven panes) and delete panes. You can also set the pane that you want to use as the main Home screen pane.

To set a pane as the main Home screen pane

1. Touch and hold an empty area on your Home screen until the device vibrates.
2. Flick left or right to browse to the pane that you want to set as your main Home screen pane, then tap ⌂.

To add a pane to your Home screen

1. Touch and hold an empty area on your Home screen until the device vibrates.
2. Flick left or right to browse the panes, then tap ⊕.

To delete a pane from your Home screen

1. Touch and hold an empty area on your Home screen until the device vibrates.
2. Flick left or right to browse to the pane that you want to delete, then tap ⊗.

Application screen

The Application screen, which you open from the Home screen, contains the applications that come pre-installed on your device as well as applications that you download.

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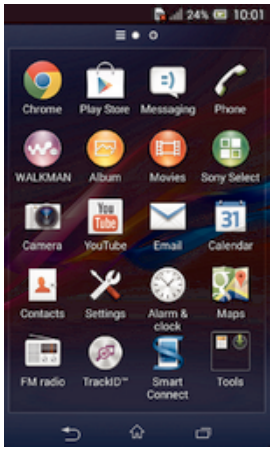

To view all applications on the Application screen

1. From your Home screen, tap .
2. Flick left or right on the Application screen.

To open an application from the Application screen

- Flick left or right to find the application, then tap the application.

To open the Application screen menu

- When the Application screen is open, drag the left edge of the screen to the right.

To move an application on the Application screen

1. To open the Application screen menu, drag the left edge of the Application screen to the right.
2. Make sure **Own order** is selected under **SHOW APPS**.
3. Touch and hold the application until it magnifies and the device vibrates, then drag it to the new location.

To add an application shortcut to the Home screen

1. From the Application screen, touch and hold an application icon until the screen vibrates, then drag the icon to the top of the screen. The Home screen opens.
2. Drag the icon to the desired location on the Home screen, then release your finger.

To arrange applications on the Application screen

1. To open the Application screen menu, drag the left edge of the Application screen to the right.
2. Select the desired option under **SHOW APPS**.

To search for an application from the Application screen

1. To open the Application screen menu, drag the left edge of the Application screen to the right.
2. Tap **Search apps**.
3. Enter the name of the application you want to search for.

To uninstall an application from the Application screen

1. To open the Application screen menu, drag the left edge of the Application screen to the right.
2. Tap **Uninstall**. All uninstallable applications are indicated by .
3. Tap the application that you want to uninstall, then tap **Uninstall**.

Navigating applications

You can navigate between applications using the navigation keys and the recently used applications window, which lets you switch easily between all recently used

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applications. Some applications are closed when you press ⌂ to exit while others continue to run in the background or pause. If an application is paused or running in the background, you can continue where you left off the next time you open the application.

1	Recently used applications window – Open a recently used application
2	Task navigation key – Open the recently used applications window
3	Home navigation key – Exit an application and go back to the Home screen
4	Back navigation key – Go back to the previous screen within an application or close the application

To open the recently used applications window

- Press ▭.

To open a menu in an application

- While using the application, press ⋮.

! A menu is not available in all applications.

Widgets

Widgets are small applications that you can use directly on your Homescreen. They also function as shortcuts. For example, the Weather widget allows you to see basic weather information directly on your Homescreen. But when you tap the widget, the full Weather application opens. You can download additional widgets from Google Play™.

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To add a widget to the Home screen

1. Touch and hold an empty area on your Home screen until the device vibrates, then tap **Widgets**.
2. Find and tap the widget that you want to add.

To resize a widget

1. Touch and hold a widget until it magnifies and the device vibrates, then release the widget. If the widget can be resized, for example, the Calendar widget, then a highlighted frame and resizing dots appear.
2. Drag the dots inward or outward to shrink or expand the widget.
3. To confirm the new size of the widget, tap anywhere on the Home screen.

To move a widget

- Touch and hold the widget until it magnifies and the device vibrates, then drag it to the new location.

To delete a widget

- Touch and hold the widget until it magnifies and the device vibrates, then drag it to .

To add a widget to the lock screen

1. To activate the screen, briefly press the power key .
2. Swipe inward from the top-left area of the screen until appears, then tap it.
3. If required, enter your PIN code, pattern, or password to unlock the screen.
4. Find and tap the widget that you want to add.
5. Follow the on-screen instructions, if necessary, to finish adding the widget.

Shortcuts and folders

Use shortcuts and folders to manage your applications and keep your Home screen tidy.

1	Access a folder containing applications
2	Access an application using a shortcut

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To add a shortcut to your Home screen

1. Touch and hold an empty area on your Home screen until the device vibrates and the customization menu appears.
2. In the customization menu, tap **Apps**.
3. Scroll through the list of applications and select an application. The selected application gets added to the Home screen.

In step 3, alternatively, you can tap **Shortcuts** and then select an application from the list available. If you use this method to add shortcuts, some of the applications available allow you to add specific functionality to the shortcut.

To move an item on the Home screen

- Touch and hold the item until it magnifies and the device vibrates, then drag the item to the new location.

To delete an item from the Home screen

- Touch and hold an item until it magnifies and the device vibrates, then drag the item to .

To create a folder on the Home screen

- Touch and hold an application icon or a shortcut until it magnifies and the device vibrates, then drag and drop it on top of another application icon or shortcut.

To add items to a folder on the Home screen

- Touch and hold an item until it magnifies and the device vibrates, then drag the item to the folder.

To rename a folder on the Home screen

1. Tap the folder to open it.
2. Tap the folder's title bar to show the **Folder name** field.
3. Enter the new folder name and tap **Done**.

Background and themes

You can adapt the Home screen to your own style using wallpapers and different themes. You can also change the wallpaper on the lock screen.

To change your Home screen wallpaper

1. Touch and hold an empty area on your Home screen until the device vibrates.
2. Tap **Wallpapers** and select an option.

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To set a theme

1. Touch and hold an empty area on your Home screen until the device vibrates.
2. Tap **Themes**, then select a theme.

! When you change a theme, the background also changes in some applications.

To change the wallpaper for the lock screen

1. Drag the status bar downward, then tap .
2. Tap **Personalization** > **Lock screen**.
3. Select an option, then follow the instructions to change your wallpaper.

Taking a screenshot

You can capture still images of any screen on your device as a screenshot. Screenshots you take are automatically saved in Album.

To take a screenshot

1. Press and hold down the power key and the volume down key simultaneously until you hear a clicking sound.
2. To view the screenshot, drag the status bar fully downwards.

Status and notifications

The icons in the status bar inform you of events such as new messages and calendar notifications, activities in progress such as file downloads, and status information such as battery level and signal strength. You can drag down the status bar to open the Notification panel and handle your notifications.

To open or close the Notification panel

To take action on a notification

- Tap the notification.

To dismiss a notification from the Notification panel

- Place your finger on a notification and flick left or right.

To clear all notifications from the Notification panel

- Tap **Clear**.

Notification light

A notification light informs you about battery status and some other events. For example, a flashing blue light means there is a new message or a missed call.

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Icons in the status bar

Status icons

	Signal strength
	No signal
	Roaming
	GPRS is available
	EDGE is available
	3G is available
	Cellular data network is available
	Sending and downloading GPRS data
	Sending and downloading EDGE data
	Sending and downloading 3G data
	Sending and downloading cellular data
	Battery status
	The battery is charging
	STAMINA mode is activated
	Flight mode is activated
	The Bluetooth® function is activated
	The SIM card is not inserted
	The microphone is muted
	The speakerphone is on
	Silent mode
	Vibrate mode
	An alarm is set
	Synchronization is ongoing
	Problem with sign-in or synchronization

Notification icons

The following notification icons may appear on your screen:

	New email message
	New text message or multimedia message
	New voicemail
	Upcoming calendar event

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	A song is playing
	The device is connected to a computer via a USB cable
	Warning message
	Error message
	Missed call
	Call ongoing
	Call on hold
	Call forwarding is turned on
	A Wi-Fi® connection is enabled and wireless networks are available
	Software updates are available
	Downloading data
	Uploading data
	More (undisplayed) notifications
	GPS is activated

Application overview

	Use the Alarm and clock application to set various kinds of alarms.
	Use your web browser to navigate and view web pages, manage bookmarks, and manage text and images.
	Use the Calculator application to perform basic calculations.
	Use the Calendar application to keep track of your events and manage your appointments.
	Use the camera to take photos and record video clips.
	Use the Contacts application to manage phone numbers, email address, and other information related to your contacts.
	Access your downloaded applications.
	Use the Email application to send and receive emails through both private and corporate accounts.
	Use the Facebook application to engage in social networking with friends, family members, and coworkers around the world.
	Browse and listen to FM radio stations.
	Use the Album application to view and work with your photos and videos.
	Use the Gmail™ application to read, write, and organize email messages.
	Search for information in your device and on the web.
	View your current location, find other locations, and calculate routes using Google Maps™.
	Go to Google Play™ to download free and paid applications for your device.
	Use the Messaging application to send and receive text and multimedia messages.

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	Use the Movies application to play movies on your device and share content with your friends.
	Use the "WALKMAN" application to organize and play music, audio books, and podcasts.
	View news stories and weather forecasts.
	Make phone calls by dialing the number manually, or by using the smart dial function.
	Optimize settings to suit your own requirements.
	Use the Hangouts™ application to chat with friends online.
	Identify music tracks that you hear playing in your surroundings, and get artist, album, and other info.
	Use YouTube™ to share and view videos from around the world.
	Use the Support application to access user support in the device. For example, you can access a User guide, troubleshooting information, plus tips and tricks.
	Download and install new applications and updates.

! Some applications are not supported by all networks and/or service providers in all areas.

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Downloading applications

Downloading applications from Google Play™

Google Play™ is the official online Google store for downloading applications, games, music, movies, and books. It includes both free and paid applications. Before you start downloading from Google Play™, make sure that you have a working Internet connection, preferably over Wi-Fi® to limit data traffic charges.

To use Google Play™, you need to have a Google™ account. Google Play™ may not be available in all countries or regions.

To download an application from Google Play™

1. From the Home screen, tap .
2. Find and tap **Play Store**.
3. Find an item you wish to download by browsing categories, or by using the search function.
4. Tap the item to view its details, and follow the instructions to complete the installation.

Some applications may need to access data, settings, and various functions on your device in order to work properly. Only install and give permissions to applications you trust.

You can view the permissions granted to a downloaded application by tapping the application under **Settings** > **Apps**.

Downloading applications from other sources

When your device is set to allow downloads from sources other than Google Play™, you can download applications directly from other websites by following the relevant download instructions.

Installing applications of unknown or unreliable origin can damage your device. Only download applications from reliable sources. Contact the application provider if you have any questions or concerns.

To allow the download of applications from other sources

1. From your Home screen, tap .
2. Find and tap **Settings > Security**.
3. Mark the **Unknown sources** checkbox.
4. Tap **OK**.

Some applications may need to access data, settings, and various functions on your device in order to work properly. Only install and give permissions to applications you trust.

You can view the permissions granted to a downloaded application by tapping the application under **Settings** > **Apps**.

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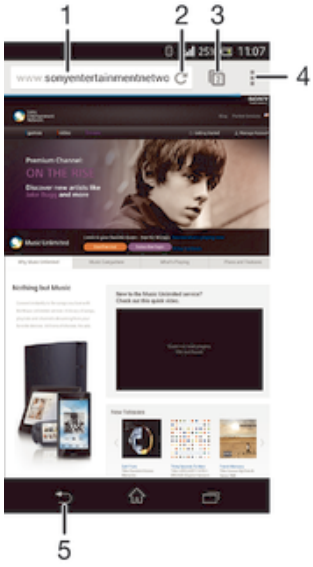
Internet and networks

Browsing the web

The Google Chrome™ web browser for Android™ devices comes pre-installed in most markets. Go to http://support.google.com/chrome and click the "Chrome for Mobile" link to get more detailed information about how to use this web browser.

To browse with Google Chrome™

1. From your Home screen, tap .
2. Find and tap .
3. Enter a search term or web address in the search and address field, then tap **Go** on the keyboard.



1	Search and address field
2	Refresh the page
3	Access browser tabs
4	View help and options
5	Go back a page in the browser history

Internet and messaging settings

To access the Internet and to send multimedia messages, you must have a mobile data connection and the correct settings, also known as APN (Access Point Name) settings. The APN identifies the network that a mobile device can connect to.

You can usually download Internet and messaging settings when you set up your device for the first time with a SIM card inserted. In other cases, the settings may be pre-installed. If not, you can download or add the settings manually. Contact your network operator for detailed information about Internet and messaging settings.

If you cannot access the Internet, have no data connection, or cannot send or receive multimedia messages, try deleting all Internet and messaging settings and then add them again.

To download Internet and messaging settings

1. From your Home screen, tap .
2. Find and tap **Settings** > **More…** > **Internet settings**.
3. Tap **Accept**.

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To add Internet settings manually

1. Drag the status bar downwards, then tap .
2. Tap **More… > Mobile networks**.
3. Tap **Access Point Names**, then tap .
4. Tap **New APN**, then tap **Name** and enter the name of the network profile that you want to create.
5. Tap **APN** and enter the access point name.
6. Enter all other information required by your network operator.
7. When you're done, tap , then tap **Save**.

To view the current APN

1. Drag the status bar downwards, then tap .
2. Find and tap **More… > Mobile networks**.
3. Tap **Access Point Names**.

If you have several available connections, the active network connection is indicated by a marked button.

To delete all Internet and messaging settings

1. From your Home screen, tap .
2. Find and tap **Settings > More… > Mobile networks**.
3. Tap **Access Point Names**, then tap .
4. Tap **Reset to default**. All Internet and messaging settings are deleted.

Wi-Fi®

Use Wi-Fi® connections to surf the Internet, download applications, or send and receive emails. Once you have connected to a Wi-Fi® network, your device remembers the network and automatically connects to it the next time you come within range.

Some Wi-Fi® networks require you to log in to a web page before you can get access. Contact the relevant Wi-Fi® network administrator for more information.

The signal strength of Wi-Fi® networks can differ. Moving closer to the Wi-Fi® access point increases the signal strength.

Available Wi-Fi® networks may be open or secured:

- Open networks are indicated by next to the Wi-Fi® network name.
- Secured networks are indicated by next to the Wi-Fi® network name.

Some Wi-Fi® networks do not show up in the list of available networks because they do not broadcast their network name (SSID). If you know the network name, you can add it manually to your list of available Wi-Fi® networks.

To turn on Wi-Fi®

1. From your Home screen, tap .
2. Find and tap **Settings**.
3. Drag the slider beside **Wi-Fi** to the right to turn on the Wi-Fi® function.

It may take a few seconds before Wi-Fi® is enabled.

To connect to a Wi-Fi® network automatically

1. Make sure the Wi-Fi® function is turned on.
2. Drag the status bar downward, then tap .
3. Tap **Wi-Fi**. All available Wi-Fi® networks are displayed.
4. Tap a Wi-Fi® network to connect to it. For secured networks, enter the relevant password. is displayed in the status bar once you are connected.

Tap and then tap **Scan** to search for new available networks.

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To add a Wi-Fi® network manually

1. Make sure the Wi-Fi® function is turned on.
2. Drag the status bar downward, then tap .
3. Tap **Wi-Fi**.
4. Tap .
5. Enter the **Network SSID** information.
6. To select a security type, tap the **Security** field.
7. If required, enter a password.
8. Tap **Save**.

Contact your Wi-Fi® network administrator to get the Network SSID and password.

Wi-Fi® settings

When you are connected to a Wi-Fi® network or when there are Wi-Fi® networks available in your vicinity, it is possible to view the status of these networks. You can also enable your device to notify you whenever an open Wi-Fi® network is detected.

If you are not connected to a Wi-Fi® network, your device uses a cellular data connection to access the Internet (if you have set up and enabled a cellular data connection on your device). By adding a Wi-Fi® sleep policy, you can specify when to switch from Wi-Fi® to cellular data.

To enable Wi-Fi® network notifications

1. Turn on Wi-Fi®, if it is not already on.
2. From your Home screen, tap .
3. Find and tap **Settings** > **Wi-Fi**.
4. Press .
5. Tap **Advanced**.
6. Mark the **Network notification** checkbox.

To view detailed information about a connected Wi-Fi® network

1. From the Home screen, tap .
2. Find and tap **Settings** > **Wi-Fi**.
3. Tap the Wi-Fi® network that you are currently connected to. Detailed network information is displayed.

To add a Wi-Fi® sleep policy

1. From the Home screen, tap .
2. Find and tap **Settings** > **Wi-Fi**.
3. Press .
4. Tap **Advanced**.
5. Tap **Keep Wi-Fi on during sleep**.
6. Select an option.

Sharing your mobile data connection

You can share your device's mobile data connection with a single computer using a USB cable. This process is called USB tethering. You can also share your device's data connection with up to eight other devices at once by turning your device into a portable Wi-Fi® hotspot. When your device's mobile data connection is successfully shared, the sharing devices can use your device's data connection, for example, to surf the Internet, download applications, or send and receive emails.

You may need to prepare your computer to establish a network connection via USB cable. Go to www.android.com/tether to get the most current information.

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To share your data connection using a USB cable

1. Deactivate all USB cable connections to your device.
2. Using the USB cable that came with your device, connect your device to a computer.
3. From your Home screen, tap .
4. Find and tap **Settings > More… > Tethering & portable hotspot**.
5. Mark the **USB tethering** checkbox, then tap **OK** if prompted. is displayed in the status bar once you are connected.
6. To stop sharing your data connection, unmark the **USB tethering** checkbox or disconnect the USB cable.

! You cannot share your device's data connection and SD card over a USB cable at the same time.

To use your device as a portable Wi-Fi® hotspot

1. From your Home screen, tap .
2. Find and tap **Settings > More… > Tethering & portable hotspot**.
3. Tap **Portable Wi-Fi hotspot settings > Configure Wi-Fi hotspot**.
4. Enter the **Network SSID** information.
5. To select a security type, tap the **Security** field. If required, enter a password.
6. Tap **Save**.
7. Tap and mark the **Portable Wi-Fi hotspot** checkbox.
8. If prompted, tap **OK** to confirm. appears in the status bar once the portable Wi-Fi® hotspot is active.
9. To stop sharing your data connection via Wi-Fi®, unmark the **Portable Wi-Fi hotspot** checkbox.

To rename or secure your portable hotspot

1. From the Home screen, tap .
2. Find and tap **Settings > More… > Tethering & portable hotspot**.
3. Tap **Portable Wi-Fi hotspot settings > Configure Wi-Fi hotspot**.
4. Enter the **Network SSID** for the network.
5. To select a security type, tap the **Security** field.
6. If required, enter a password.
7. Tap **Save**.

Controlling data usage

You can keep track of the amount of data transferred to and from your device over your mobile data or Wi-Fi® connection during a given period. For example, you can view the amount of data used by individual applications. For data transferred over your mobile data connection, you can also set data usage warnings and limits to avoid additional charges.

! Adjusting data usage settings can help you keep greater control over data usage but cannot guarantee the prevention of additional charges.

To turn data traffic on or off

1. From your Home screen, tap .
2. Find and tap **Settings > Data usage**.
3. To turn data traffic on or off, tap the on-off switch beside **Mobile data traffic** accordingly.

You can also turn data traffic on or off by marking or unmarking the **Mobile data traffic** checkbox under **Settings** > **More…** > **Mobile networks**.

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To set a data usage warning

1. Make sure that you have turned on data traffic.
2. From your Home screen, tap .
3. Find and tap **Settings** > **Data usage**.
4. To set the warning level, drag the lines to the desired values. You receive a warning notification when the amount of data traffic approaches the level you set.

To set a data usage limit

1. Make sure that you have turned on data traffic.
2. From your Home screen, tap .
3. Find and tap **Settings** > **Data usage**.
4. Mark the **Set mobile data limit** checkbox if it is not marked, then tap **OK**.
5. To set the data usage limit, drag the lines to the desired values.

Once your data usage reaches the set limit, data traffic on your device will be turned off automatically.

To control the data usage of individual applications

1. From your Home screen, tap .
2. Find and tap **Settings** > **Data usage**.
3. Find and tap the desired application.
4. Mark the **Restrict background data** checkbox.
5. To access more specific settings for the application, tap **View app settings** and make the desired changes.

Specific settings for an application may not always be accessible.

The performance of individual applications may be affected if you change the related data usage settings.

To view data transferred via Wi-Fi®

1. From your Home screen, tap .
2. Find and tap **Settings** > **Data usage**.
3. Tap , then mark the **Show Wi-Fi usage** checkbox if it is not marked.
4. Tap the **Wi-Fi** tab.

Selecting cellular networks

Your device automatically switches between cellular networks depending on which cellular networks are available in different areas. You can also manually set your device to use a particular cellular network mode, for example, WCDMA or GSM.

To select a network type

1. Drag the status bar downwards, then tap .
2. Find and tap **More...** > **Mobile networks**.
3. Tap **Network Mode**.
4. Select a network type.

To select another network manually

1. Drag the status bar downwards, then tap .
2. Find and tap **More...** > **Mobile networks** > **Service providers**.
3. Tap **Search mode** > **Manual**.
4. Select a network.

If you select a network manually, your device will not search for other networks, even if you move out of range of the manually selected network.

To activate automatic network selection

1. Drag the status bar downwards, then tap .
2. Find and tap **More...** > **Mobile networks** > **Service providers**.
3. Tap **Search mode** > **Automatic**.

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Virtual private networks (VPNs)

Use your device to connect to virtual private networks (VPNs), which allow you to access resources inside a secured local network from outside the actual network. For example, VPN connections are commonly used by corporations and educational institutions for users who need to access intranets and other internal services when they are outside of the internal network, for example, when they are traveling.

VPN connections can be set up in many ways, depending on the network. Some networks may require you to transfer and install a security certificate in your device. For detailed information on how to set up a connection to your virtual private network, please contact the network administrator of your company or organization.

To add a virtual private network

1. From your Home screen, tap .
2. Find and tap **Settings** > **More…** > **VPN**.
3. Tap .
4. Select the type of VPN to add.
5. Enter your VPN settings.
6. Tap **Save**.

To connect to a virtual private network

1. From your Home screen, tap .
2. Find and tap **Settings** > **More…** > **VPN**.
3. In the list of available networks, tap the VPN you want to connect to.
4. Enter the required information.
5. Tap **Connect**.

To disconnect from a virtual private network

1. Drag the status bar downwards.
2. Tap the notification for the VPN connection to turn it off.

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Synchronizing data on your device

About synchronizing data on your device

You can sync contacts, email, calendar events, and other information with your device from multiple email accounts, synchronization services, and other kinds of accounts, depending on the applications installed on your device. Synchronizing your device with other information sources is an easy and practical way to stay up to date.

Synchronizing with Google™

Synchronize your device with different Google™ services to keep your information up to date, regardless of which device you're using your Google™ account from. For example, you can synchronize your contacts, Gmail™ and calendar data.

To set up a Google™ account for synchronization

1. From your Home screen, tap .
2. Tap **Settings** > **Add account** > **Google**.
3. Follow the registration wizard to create a Google™ account, or sign in if you already have an account.
4. Tap your newly created Google™ account, then tap the items that you want to synchronize.

To synchronize manually with your Google™ account

1. From the Home screen, tap .
2. Tap **Settings** > **Google**.
3. Tap the Google™ account that you want to synchronize.
4. Press , then tap **Sync now**.

To remove a Google™ account

1. From your Home screen, tap .
2. Tap **Settings** > **Google**.
3. Tap the Google™ account you want to remove from the accounts list.
4. Press , then tap **Remove account**.
5. Tap **Remove account** again to confirm.

Synchronizing your corporate email, calendar, and contacts

Access your corporate email messages, calendar appointments, and contacts directly from your device. View and manage them just as easily as you would from a computer. After setup, you can find your information in the **Mail**, **Calendar** and **Contacts** applications.

! For you to access the functionality described above, your corporate information must be stored on a Microsoft® Exchange server.

To set up corporate email, calendar, and contacts

1. From your Home screen, tap .
2. Tap **Settings** > **Add account** > **Exchange ActiveSync**.
3. Enter your corporate email address and password.
4. Tap **Next**. Your phone begins to retrieve your account information. If a failure occurs, contact your corporate network administrator for more information such as the domain name and Exchange server address.
5. Tap **OK** to allow your corporate server to control your phone.
6. Select what data you want to sync with your phone, such as contacts and calendar entries.
7. If desired, activate the phone administrator to allow your corporate server to control certain security features in your phone. For example, allow your corporate server to set password rules and set storage encryption.
8. When the setup is done, enter a name for the corporate account.

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To edit the setup of corporate email, calendar, and contacts

1. From your Home screen, tap .
2. Tap **Mail**, then tap .
3. Tap **Settings** and select a corporate account.
4. Change the desired settings.

To set a synchronization interval for a corporate account

1. From your Home screen, tap .
2. Tap **Mail**, then tap .
3. Tap **Settings** and select a corporate account.
4. Tap **Inbox check frequency** and select an interval option.

To remove a corporate account

1. From your Home screen, tap .
2. Tap **Settings > Exchange ActiveSync**, then select the corporate account.
3. Tap , then tap **Remove account**.
4. Tap **Remove account** again to confirm.

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Basic settings

Settings menu

View and change settings for your device from the Settings menu.

To open the device settings menu from the Notification panel

1. Drag the status bar downward.
2. Tap .

To open the device settings menu from the Application screen

1. From your Home screen, tap .
2. Tap **Settings**.

Setting your device from the Notification panel

1	Vibrate mode or Silent mode on/off
2	Bluetooth® on/off
3	Wi-Fi® on/off
4	Adjust brightness level
5	Settings menu

To select quick settings from the Notification panel

1. Drag the status bar downward, then tap .
2. Find and tap **Personalization** > **Quick settings**.
3. Select the quick settings you want.

To rearrange the quick settings from the Notification panel

1. Drag the status bar downward, then tap .
2. Find and tap **Personalization** > **Quick settings**.
3. Touch and hold beside a quick setting, then move it to the desired position.

Sound, ringtone, and volume

You can adjust the ringtone volume for incoming calls and notifications as well as for music and video playback. You can also set your device to silent mode so that it doesn't ring when you're in a meeting.

To adjust the ringtone volume with the volume key

- Press the volume key up or down.

To adjust the media playing volume with the volume key

- When playing music or watching video, press the volume key up or down.

To set your device to vibrate mode

- Press the volume key down until appears in the status bar.

To set your device to silent mode

1. Press the volume key down until the device vibrates and appears in the status bar.
2. Press the volume key down again. appears in the status bar.

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To set your device to vibrate and ring mode

1 From your Home screen, tap .
2 Find and tap **Settings** > **Sound**.
3 Mark the **Vibrate when ringing** checkbox.

To select the notification sound

1 From your Home screen, tap .
2 Find and tap **Settings** > **Sound** > **Notification sound**.
3 Select the sound to be played when notifications arrive.
4 Tap **Done**.

To enable touch tones

1 From your Home screen, tap .
2 Find and tap **Settings** > **Sound**.
3 Mark the **Dial pad touch tones** and **Touch sounds** checkboxes.

SIM card protection

You can lock and unlock each SIM card that you use in your device with a PIN (Personal Identity Number). When a SIM card is locked, the subscription linked to the card is protected against misuse, meaning that you have to enter a PIN every time you start your device.

If you enter the PIN incorrectly more times than the maximum number of attempts allowed, your SIM card will become blocked. You then need to enter your PUK (Personal Unblocking Key) and a new PIN. Your PIN and PUK are supplied by your network operator.

To lock or unlock a SIM card

1 From the Homescreen, tap .
2 Find and tap **Settings** > **Security** > **Set up SIM card lock**.
3 Mark or unmark the **Lock SIM card** checkbox.
4 Enter the SIM card PIN and tap **OK**.

To change the SIM card PIN

1 From the Home screen, tap . .
2 Find and tap **Settings** > **Security** > **Set up SIM card lock**.
3 Tap **Change SIM PIN**.
4 Enter the old SIM card PIN and tap **OK**.
5 Enter the new SIM card PIN and tap **OK**.
6 Retype the new SIM card PIN and tap **OK**.

To unlock a blocked SIM card using the PUK code

1 Enter the PUK code and tap .
2 Enter a new PIN code and tap .
3 Re-enter the new PIN code and tap .

If you enter an incorrect PUK code too many times, you need to contact your network operator to get a new SIM card.

Screen settings

To adjust the screen brightness

1 From your Homescreen, tap .
2 Find and tap **Settings** > **Display** > **Brightness**.
3 Unmark the **Adapt to lighting conditions** checkbox if it is marked.
4 Drag the slider to adjust the brightness.
5 Tap **OK**.

Lowering the brightness level helps the battery last longer.

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To set the screen to vibrate on touch

1. Drag the status bar downward, then tap > **Sound**.
2. Mark the **Vibrate on touch** checkbox. The screen now vibrates when you tap soft keys and certain applications.

To adjust the idle time before the screen turns off

1. From your Home screen, tap .
2. Find and tap **Settings** > **Display** > **Sleep**.
3. Select an option.

To turn off the screen quickly, briefly press the power key .

Screen lock

There are several ways to lock the screen. The security level of each lock type is listed below in order of weakest to strongest:

- **Swipe** – no protection, but you have quick access to the Homescreen
- **Unlock pattern** – draw a simple pattern with your finger to unlock your device
- **Unlock PIN** – enter a numeric PIN of at least four digits to unlock your device
- **Unlock password** – enter an alpha-numeric password to unlock your device

It is very important that you remember your screen unlock pattern, PIN, or password. If you forget this information, it may not be possible to restore important data such as contacts and messages.

To create a screen lock pattern

1. From your Homescreen, tap .
2. Find and tap **Settings** > **Security** > **Screen lock** > **Pattern**.
3. Follow the instructions on your device.

If your lock pattern is rejected five times in a row when you try to unlock your device, you must wait 30 seconds and then try again.

To change the screen lock pattern

1. From your Home screen, tap .
2. Find and tap **Settings**> **Security** > **Screen lock**.
3. Draw your screen unlock pattern.
4. Tap **Pattern** and follow the instructions on your device.

To create a screen lock PIN

1. From your Homescreen, tap .
2. Find and tap **Settings** > **Security** > **Screen lock** > **PIN**.
3. Enter a numeric PIN.
4. If necessary, tap to minimize the keyboard.
5. Tap **Continue**.
6. Re-enter and confirm your PIN.
7. If necessary, tap to minimize the keyboard.
8. Tap **OK**.

To create a screen lock password

1. From your Home screen, tap > **Settings** > **Security** > **Screen lock** > **Password**.
2. Enter a password.
3. If necessary, tap to minimize the keyboard.
4. Tap **Continue**.
5. Re-enter and confirm your password.
6. If necessary, tap to minimize the keyboard.
7. Tap **OK**.

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To change screen lock type

1. From your Homescreen, tap .
2. Find and tap **Settings** > **Security** > **Screen lock**.
3. Follow the instructions in your device and select another screen lock type.

Language settings

You can select a default language for your device and change it again at a later time.

To change the language

1. From the Home screen, tap .
2. Find and tap **Settings** > **Language & input** > **Language**.
3. Select an option.
4. Tap **OK**.

! If you select the wrong language and cannot read the menu texts, find and tap . Then select the text beside and select the first entry in the menu that opens. You can then select the language you want.

Date and time

You can change the date and time on your device.

To set the date manually

1. From the Home screen, tap .
2. Find and tap **Settings** > **Date & time**.
3. Unmark the **Automatic date & time** checkbox, if it is marked.
4. Tap **Set date**.
5. Adjust the date by scrolling up and down.
6. Tap **Set**.

To set the time manually

1. From your Home screen, tap .
2. Find and tap **Settings** > **Date & time**.
3. Unmark the **Automatic date & time** checkbox if it is marked.
4. Tap **Set time**.
5. Scroll up or down to adjust the hour and minute.
6. If applicable, scroll up to change **AM** to **PM**, or vice versa.
7. Tap **Set**.

To set the time zone

1. From your Home screen, tap .
2. Find and tap **Settings** > **Date & time**.
3. Unmark the **Automatic time zone** checkbox, if it is marked.
4. Tap **Select time zone**.
5. Select an option.

Enhancing the sound output

You can enhance the sound output that comes from the speakers in your device using features such as Clear Phase™ and xLOUD™ technology.

Using Clear Phase™ technology

Use Clear Phase™ technology from Sony to automatically adjust the sound quality coming from your device's internal speakers and get a cleaner, more natural sound.

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To enhance the speaker sound quality using Clear Phase™

1. From your Home screen, tap .
2. Find and tap **Settings** > **Sound**.
3. Mark the **Clear Phase™** checkbox.

! The activation of the Clear Phase™ feature has no effect on voice communication applications. For example, there is no change in the voice call sound quality.

Using xLOUD™ technology

Use xLOUD™ audio filter technology from Sony to enhance the speaker volume without sacrificing quality. Get a more dynamic sound as you listen to your favorite songs.

To enhance the speaker volume using xLOUD™

1. From your Home screen, tap .
2. Find and tap **Settings** > **Sound**.
3. Mark the **xLOUD™** checkbox.

! The activation of the xLOUD™ feature has no effect on voice communication applications. For example, there is no change in the voice call sound quality.

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Typing text

On-screen keyboard

You can enter text with the on-screen QWERTY keyboard by tapping each letter individually, or you can use the Gesture input feature and slide your finger from letter to letter to form words.

You can select up to three languages for text input. The keyboard detects the language that you are using and predicts the words for that language as you type. Some applications open the on-screen keyboard automatically, for example, email and text messaging applications.

1 Delete a character before the cursor.

2 Enter a carriage return or confirm text input.

3 Enter a space.

4 Personalize your keyboard. This key disappears after the keyboard is personalized.

5 Display numbers and symbols. For even more symbols, tap +=$.

6 Switch between lower-case ⇧, upper-case ⬆ and caps ⇪. For some languages, this key is used to access extra characters in the language.

To display the on-screen keyboard to enter text

- Tap a text entry field.

To use the on-screen keyboard in landscape orientation

- When the on-screen keyboard is displayed, turn the device sideways.

! You may need to adjust the settings in some applications to enable landscape orientation.

To enter text character by character

1. To enter a character visible on the keyboard, tap the character.
2. To enter a character variant, touch and hold a regular keyboard character to get a list of available options, then select from the list. For example, to enter "é," touch and hold "e" until other options appear, then, while keeping your finger pressed on the keyboard, drag to and select "é."

To enter a period

- After you enter a word, double-tap the space bar.

To enter text using the Gesture input function

1. When the on-screen keyboard is displayed, slide your finger from letter to letter to trace the word that you want to write.
2. After you finish entering a word, lift up your finger. A word suggestion appears based on the letters that you have traced.
3. If the word that you want does not appear, tap ⌫ to see other options and select accordingly. If the desired option does not appear, delete the entire word and trace it again, or enter the word by tapping each letter individually.

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To change the Gesture input settings

1 When the on-screen keyboard is displayed, tap 12!?.
2 Tap , then tap **Keyboard settings> Text input settings**.
3 To activate or deactivate the Gesture input function, mark or unmark the **Gesture input** checkbox.

Entering text using voice input

When you enter text, you can use the voice input function instead of typing the words. Just speak the words that you want to enter. Voice input is an experimental technology from Google™, and is available for a number of languages and regions.

To enable voice input

1 When you enter text using the on-screen keyboard, tap 12!?.
2 Tap , then tap **Keyboard settings**.
3 Mark the **Google voice typing key** checkbox.
4 Tap to save your settings. A microphone icon appears on your on-screen keyboard.

To enter text using voice input

1 Open the on-screen keyboard.
2 Tap . When appears, speak to enter text.
3 When you're done, tap again. The suggested text appears.
4 Edit the text manually if necessary.

To make the keyboard appear and enter text manually, tap .

Editing text

You can select, cut, copy, and paste text as you write in both portrait and landscape orientation by double-tapping the entered text. In portrait orientation, the necessary editing tools are available via an application bar. In landscape orientation, an Edit button provides the same tools.

Application bar

1	Close the application bar
2	Select all text
3	Cut text
4	Copy text
5	Paste text

only appears when you have text saved on the clipboard.

To select text

1 Enter some text, then double-tap the text. The word you tap gets highlighted by tabs on both sides.
2 Drag the tabs to the left or right to select more text.

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To edit text in portrait orientation

1. Enter some text, then double-tap the entered text to make the application bar appear.
2. Select the text you want to edit, then use the application bar to make your desired changes.

To edit text in landscape orientation

1. Enter some text, then double-tap the entered text.
2. Select the text you want to work with, then tap **Edit** and select an option.

Personalizing the Xperia keyboard

When entering text using the on-screen keyboard, you can access keyboard and other text input settings that help you, for example, to set options for writing languages, text prediction and correction, automatic spacing, and quick full stops. You can also get your message data scanned so that word predictions fit your writing style. There is also a Personalization guide that runs you through the most basic settings, to get you started quickly.

To access the on-screen keyboard settings

1. When you enter text using the on-screen keyboard, tap 12!?.
2. Tap , then tap **Keyboard settings** and change the settings as desired.
3. To add a writing language for text input, tap **Writing languages** and mark the relevant checkboxes.
4. Tap **OK** to confirm.

To change the text input settings

1. When you enter text using the on-screen keyboard, tap 12!?.
2. Tap , then tap **Keyboard settings > Text input settings** and select the relevant settings.

To display the Smiley key

1. When you enter text using the on-screen keyboard, tap 12!?.
2. Tap , then tap **Keyboard settings > Symbols and smileys**.
3. Mark the **Smiley key** checkbox.

To select a keyboard layout variant

! Layout variants are only available for the on-screen keyboard when you select two or three writing languages and may not be available in all writing languages.

1. When you enter text using the on-screen keyboard, tap 12!?.
2. Tap , then tap **Keyboard settings**.
3. Tap **Writing languages**, then tap .
4. Select a keyboard layout variant.
5. Tap **OK** to confirm.

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Calling

Making calls

You can make a call by manually dialing a phone number, by tapping a number saved in your contacts list, or by tapping the phone number in your call log view. You can also use the smart dial feature to quickly find numbers from your contacts list and call logs. To make a video call, you can use the Hangouts™ instant messaging and video chat application on your device. See *Instant messaging and video chat* on page 53.

When you make a call, your device's main microphone works together with the second microphone to suppress noise and background sound.

! Do not cover the second microphone while making a call.

1	Open your contacts list
2	View your call log entries
3	View your favorite contacts
4	View all contact groups saved to your device
5	Delete number
6	Dialpad
7	Hide or clear the call log
8	Call button
9	Hide or show the dialer

To make a call by dialing

1. From your Home screen, tap .
2. Find and tap **Phone**.
3. Enter the number of the recipient and tap .

To make a call using smart dial

1. From your Home screen, tap .
2. Find and tap **Phone**.
3. Use the dialpad to enter letters or numbers that correspond to the contact you want to call. As you enter each letter or number, a list of possible matches appears.
4. Tap the contact you want to call.

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To make an international call

1. From your Home screen, tap .
2. Find and tap **Phone**.
3. Touch and hold 0 until a “+” sign appears.
4. Enter the country code, area code (without the first 0) and phone number, then tap .

Showing or hiding your phone number

You can select to show or hide your phone number on call recipients' devices when you call them.

To show or hide your phone number

1. From the Home screen, tap .
2. Find and tap **Settings** > **Call settings** > **Additional settings** > **Caller ID**.

Receiving calls

To answer a call

To decline a call

To mute the ringtone for an incoming call

- When you receive the call, press the volume key.

Rejecting a call with a message

You can reject a call with a predefined message. When you reject a call with such a message, the message is automatically sent to the caller and saved on your device.

Six messages are predefined on your device. You can select from these predefined messages, which can also be edited if necessary.

To reject a call with a predefined message

- Drag **Reject with message** upward, then select a message.

To reject a second call with a predefined message

- When you hear repeated beeps during a call, drag **Reject with message** upward, then select a message.

To edit the message used to reject a call

1. From your Home screen, tap .
2. Find and tap **Settings** > **Call settings** > **Reject call with message**.
3. Tap the message that you want to edit, then make the necessary changes.
4. Tap **OK**.

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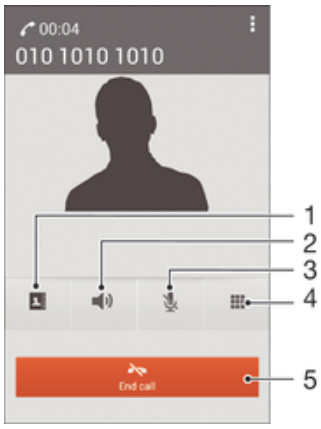
Ongoing calls



1	Open your contacts list
2	Turn on the loudspeaker during a call
3	Mute the microphone during a call
4	Enter numbers during a call
5	End a call

To change the ear speaker volume during a call

- Press the volume key up or down.

To activate the screen during a call

- Briefly press ⏻.

Using the call log

In the call log, you can view missed calls ↖, received calls ↙ and dialed calls ↗.

To view your missed calls

1. When you have missed a call, ↖ appears in the status bar. Drag the status bar downwards.
2. Tap **Missed call**.

To call a number from your call log

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Phone**.The call log view appears on the upper part of the screen.
3. To call a number directly, tap the number. To edit a number before calling, touch and hold the number, then tap **Edit number before call**.

! You can also call a number by tapping › > **Call back**.

To add a number from the call log to your contacts

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Phone**.The call log view appears on the upper part of the screen.
3. Touch and hold the number, then tap **Add to Contacts**.
4. Tap the desired contact, or tap **Create new contact**.
5. Edit the contact details and tap **Done**.

To hide the call log

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Phone**.
3. Tap ⋮ > **Hide call log**.

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Forwarding calls

You can forward calls, for example, to another phone number, or to an answering service.

To forward calls

1. From your Home screen, tap .
2. Find and tap **Settings** > **Call settings**.
3. Tap **Call forwarding** and select an option.
4. Enter the number you want to forward calls to, then tap **Enable**.

To turn off call forwarding

1. From your Home screen, tap .
2. Find and tap **Settings** > **Call settings** > **Call forwarding**.
3. Select an option, then tap **Disable**.

Restricting calls

You can block all or certain categories of incoming and outgoing calls. If you have received a PIN2 code from your service provider, you can also use a list of Fixed Dialing Numbers (FDNs) to restrict outgoing calls.

To block incoming or outgoing calls

1. From your Home screen, tap .
2. Find and tap **Settings** > **Call settings**.
3. Tap **Call blocking**, and select an option.
4. Enter the password and tap **Enable**.

! When you set up call blocking for the first time, you need to enter a password to activate the call blocking function. You must use this same password later if you want to edit call blocking settings.

To enable or disable fixed dialing

1. From your Home screen, tap .
2. Find and tap **Settings** > **Call settings** > **Fixed dialing numbers**.
3. If you want to enable fixed dialing, select **Activate fixed dialing**. If you want to disable fixed dialing, select **Deactivate fixed dialing**.
4. Enter your PIN2 and tap **OK**.

To access the list of accepted call recipients

1. From your Home screen, tap .
2. Find and tap **Settings** > **Call settings** > **Fixed dialing numbers** > **Fixed dialing numbers**.

To change the SIM card PIN2

1. From the Home screen, tap .
2. Find and tap **Settings** > **Call settings**.
3. Tap **Fixed dialing numbers** > **Change PIN2**.
4. Enter the old SIM card PIN2 and tap **OK**.
5. Enter the new SIM card PIN2 and tap **OK**.
6. Confirm the new PIN2 and tap **OK**.

Multiple calls

If you have activated call waiting, you can handle multiple calls at the same time. When it is activated, you will be notified by a beep if you receive another call.

To activate or deactivate call waiting

1. From your Home screen, tap .
2. Find and tap **Settings** > **Call settings** > **Additional settings**.
3. To activate or deactivate call waiting, tap **Call waiting**.

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To answer a second call and put the ongoing call on hold

- When you hear repeated beeps during a call, drag to the right.

To reject a second call

- When you hear repeated beeps during a call, drag to the left.

To make a second call

1. During an ongoing call, tap .
2. Enter the number of the recipient and tap . The first call is put on hold.

To switch between multiple calls

- To switch to another call and put the current call on hold, tap **Switch to this call**.

Conference calls

With a conference or multiparty call, you can have a joint conversation with two or more people.

! For details about the number of participants that you can add to a conference call, contact your network operator.

To make a conference call

1. During an ongoing call, tap .
2. Dial the number of the second participant and tap . After the second participant answers, the first participant is put on hold.
3. Tap to add the second participant to the conference call.
4. Repeat steps 1 to 3 to add more call participants.

To have a private conversation with a conference call participant

1. During an ongoing conference call, tap **{0} participants**.
2. Tap the telephone number of the participant with whom you want to talk privately.
3. To end the private conversation and return to the conference call, tap .

To release a participant from a conference call

1. During an ongoing conference call, tap the button showing the number of participants. For example, tap **3 participants** if there are three participants.
2. Tap next to the participant you want to release.

To end a conference call

- During the call, tap .

Voicemail

If your subscription includes a voicemail service, callers can leave voice messages for you when you can't answer calls. Your voicemail service number is normally saved on your SIM card. If not, you can get the number from your service provider and enter it manually.

To set up voicemail

1. From the Home screen, tap .
2. Find and tap **Settings** > **Call settings** > **Voicemail** >**Voicemail settings** > **Voicemail number**.
3. Enter your voicemail number.
4. Tap **OK**.

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To call your voicemail service

1 From your Home screen, tap .
2 Find and tap **Phone**.
3 Touch and hold **1**.

Emergency calls

Your device supports international emergency numbers, for example, 112 or 911. You can normally use these numbers to make emergency calls in any country, with or without a SIM card inserted if you are within range of a network.

To make an emergency call

1 From your Home screen, tap .
2 Find and Tap **Phone**.
3 Enter the emergency number and tap . To delete a number, tap .

You can make emergency calls when no SIM card is inserted or when outgoing calls are barred.

To make an emergency call while the SIM card is locked

1 From the lock screen, tap **Emergency call**.
2 Enter the emergency number and tap .

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Contacts

Transferring contacts

There are several ways to transfer contacts to your new device. Find out more about choosing a transfer method at *www.sonymobile.com/support*.

Transferring contacts using a computer

Xperia™ Transfer and Contacts Setup are applications within the PC Companion computer program that help you to collect contacts from your old device and transfer them to your new device. These applications support several device brands, including iPhone, Samsung, HTC, BlackBerry, LG, Motorola and Nokia.

You need:

- An Internet-connected computer.
- A USB cable for your old device.
- A USB cable for your new Android™ device.
- Your old device.
- Your new Android™ device.

To transfer contacts to your new device using a computer

1. Make sure that *PC Companion* is installed on the PC.
2. Open the PC Companion application, then click *Xperia™ Transfer* or *Contacts Setup* and follow the instructions to transfer your contacts.

Transferring contacts using an online account

If you sync the contacts in your old device or your computer with an online account, for example, Google Sync™, Facebook™, or Microsoft® Exchange ActiveSync®, you can transfer your contacts to your new device using that account.

To synchronize contacts to your new device using a synchronization account

1. From your Home screen, tap , then tap .
2. Tap , then tap **Settings > Accounts & sync**.
3. Select the account that you want to sync your contacts with, then tap > **Sync now**.

! You need to be signed in to the relevant sync account before you can sync your contacts with it.

Other methods for transferring contacts

There are several other ways to transfer contacts from your old device to your new device. For example, you can copy contacts to a memory card, use Bluetooth® technology, or save contacts to a SIM card. For more specific information about transferring the contacts from your old device, refer to the relevant User guide.

To import contacts from a memory card

1. From your Home screen, tap , then tap .
2. Press , then tap **Import contacts > SD card**.
3. Select the file that you want to import.

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To import contacts using Bluetooth® technology

1. Make sure you have the Bluetooth® function turned on and that your device is set to visible.
2. When you are notified of an incoming file to your device, drag the status bar downward and tap the notification to accept the file transfer.
3. Tap **Accept** to start the file transfer.
4. Drag the status bar downward. When the transfer is complete, tap the notification.
5. Tap the received file.

To import contacts from a SIM card

! You may lose information or get multiple contact entries if you transfer contacts using a SIM card.

1. From your Home screen, tap , then tap .
2. Tap , then tap **Import contacts > SIM card**.
3. To import an individual contact, find and tap the contact. To import all contacts, tap **Import all**.

Searching and viewing contacts

1	Contacts, Calling, Favorites, and Groups tabs
2	View contact details
3	Jump to contacts starting with the selected letter
4	Access communication options for the contact
5	Search for contacts
6	Add a contact
7	View more options

To search for a contact

1. From your Home screen, tap , then tap .
2. Tap and enter a phone number, name, or other information in the **Search contacts** field. The result list is filtered as you enter each character.

To select which contacts to display in the Contacts application

1. From your Home screen, tap , then tap .
2. Press , then tap **Filter**.
3. In the list that appears, mark and unmark the desired options. If you have synchronized your contacts with a synchronization account, that account appears in the list. To further expand the list of options, tap the account.
4. When you are finished, tap **OK**.

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Adding and editing contacts

You can create, edit, and synchronize your contacts in a few simple steps. You can select contacts saved in different accounts and manage how you display them on your device.

If you synchronize your contacts with more than one account, you can join contacts on your device to avoid duplicates.

Some synchronization services, for example, some social networking services, do not allow you to edit contact details.

To add a contact

1. From your Home screen, tap , then tap .
2. Tap .
3. If you have synchronized your contacts with one or more accounts and you are adding a contact for the first time, you must select the account you want to add this contact to. Alternatively, tap **Phone contact** if you only want to use and save this contact on your device.
4. Enter or select the desired information for the contact.
5. When you are finished, tap **Done**.

After you select a synchronization account in step 3, that account will show as the default account offered the next time you add a contact, but you can change the account by editing the contact after it is saved.

If you add a plus sign and the country code before a contact's phone number, you do not have to edit the number again when you make calls from other countries.

To edit a contact

1. From your Home screen, tap , then tap .
2. Tap the contact that you want to edit, then tap .
3. Edit the desired information.
4. When you are done, tap **Done**.

Some synchronization services do not allow you to edit contact details.

To associate a picture with a contact

1. From your Home screen, tap , then tap .
2. Tap the contact you want to edit, then tap .
3. Tap and select the desired method for adding the contact picture.
4. When you have added the picture, tap **Done**.

You can also add a picture to a contact directly from the **Album** application.

To personalize the ringtone for a contact

1. From your Home screen, tap , then tap .
2. Tap the contact that you want to edit, then tap .
3. Tap > **Set ringtone**.
4. Select an option, then tap **Done**.
5. Tap **Done**.

To delete contacts

1. From your Home screen, tap , then tap .
2. Touch and hold the contact that you want to delete.
3. To delete all contacts, tap the downward arrow to open the drop-down menu, then select **Mark all**.
4. Tap , then tap **Delete**.

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To edit contact information about yourself

1. From your Home screen, tap , then tap .
2. Tap **Myself**, then tap .
3. Enter the new information or make the changes you want.
4. When you are done, tap **Done**.

To create a new contact from a text message

1. From your Home screen, tap , then find and tap .
2. Tap > **Save**.
3. Select an existing contact, or tap **Create new contact**.
4. Edit the contact information and tap **Done**.

Favorites and groups

You can mark contacts as favorites so that you can get quick access to them from the Contacts application. You can also assign contacts to groups, to get quicker access to them from within the Contacts application.

To mark or unmark a contact as a favorite

1. From the Home screen, tap , then tap .
2. Tap the contact you want to add to or remove from your favorites.
3. Tap ☆.

To view your favorite contacts

1. From your Home screen, tap , then tap .
2. Tap ★.

To assign a contact to a group

1. In the Contacts application, tap the contact that you want to assign to a group.
2. Tap , then tap the bar directly under **Groups**.
3. Mark the checkboxes for the groups you want to add the contact to.
4. Tap **Done**.

Sending contact information

To send your business card

1. From your Home screen, tap , then tap .
2. Tap **Myself**.
3. Press , then tap **Send contact** > **OK**.
4. Select an available transfer method and follow the on-screen instructions.

To send a contact

1. From your Home screen, tap , then tap .
2. Tap the contact whose details you want to send.
3. Press , then tap **Send contact** > **OK**.
4. Select an available transfer method and follow the on-screen instructions.

To send several contacts at once

1. From your Home screen, tap , then tap .
2. Press , then tap **Mark several**.
3. Mark the contacts you want to send, or select all if you want to send all contacts.
4. Tap , then select an available transfer method and follow the on-screen instructions.

Avoiding duplicate entries in the Contacts application

If you synchronize your contacts with a new account or import contact information in other ways, you could end up with duplicate entries in the Contacts application. If this

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happens, you can join such duplicates to create a single entry. And if you join entries by mistake, you can separate them again later.

To link contacts

1. From your Home screen, tap , then tap .
2. Tap the contact that you want to link with another contact.
3. Press , then tap **Link contact**.
4. Tap the contact whose information you want to join with the first contact, then tap **OK** to confirm. The information from the first contact is merged with the second contact, and the linked contacts are displayed as one contact in the Contacts list.

To separate linked contacts

1. From your Home screen, tap , then tap .
2. Tap the linked contact that you want to edit, then tap .
3. Tap **Unlink contact** > **Unlink**.

Backing up contacts

You can use a memory card or a SIM card to back up contacts.

To export all contacts to a memory card

1. From your Home screen, tap , then tap .
2. Press , then tap **Export contacts** > **SD card**.
3. Tap **OK**.

To export contacts to a SIM card

1. From your Home screen, tap , then tap .
2. Press , then tap **Export contacts** > **SIM card**.
3. Mark the contacts you want to export, or tap **Mark all** if you want to export all your contacts.
4. Tap **Export**.
5. Select **Add contacts** if you want to add the contacts to existing contacts on your SIM card, or select **Replace all contacts** if you want to replace the existing contacts on your SIM card.

! When you export contacts to a SIM card, not all information may get exported. This is due to memory limitations on SIM cards.

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Messaging

Reading and sending messages

The Messaging application shows your messages as conversations, which means that all messages to and from a particular person are grouped together. To send multimedia messages, you need the correct MMS settings on your device. See *Internet and messaging settings* on page 24.

1	Go back to the list of conversations
2	View options
3	Sent and received messages
4	Send button
5	Attach a file
6	Attach a location
7	Attach a sound clip
8	Take a photo and attach it
9	Attach a photo saved on your device
10	Text field

To create and send a message

1. From your Home screen, tap , then find and tap .
2. Tap .
3. Tap , then tap **Add recipient**, and select a contact from the Contacts list. If the recipient is not listed as a contact, enter the recipient's number manually and tap .
4. When you are finished adding recipients, tap **Done**.
5. Tap **Write message** and enter your message text.
6. If you want to add a media file, tap and select an option.
7. To send the message, tap **Send**.

If you exit a message before sending, it gets saved as a draft. The conversation gets tagged with the word **Draft:**.

To read a received message

1. From your Home screen, tap , then find and tap .
2. Tap the desired conversation.
3. If the message is not yet downloaded, tap and hold the message, then tap **Download message**.

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To reply to a message

1 From your Home screen, tap , then find and tap .
2 Tap the conversation containing the message.
3 Enter your reply and tap **Send**.

To forward a message

1 From your Home screen, tap , then find and tap .
2 Tap the conversation containing the message that you want to forward.
3 Touch and hold the message that you want to forward, then tap **Forward message**.
4 Tap , then tap **Add recipient**, and select a contact from the Contacts list. If the recipient is not listed as a contact, enter the contact's number manually and tap .
5 When you are finished adding recipients, tap **Done**.
6 Edit the message, if necessary, then tap **Send**.

In step 4, you can also tap **To** and enter the recipient's phone number manually.

To save a file contained in a message you receive

1 From your Home screen, tap , then find and tap .
2 Tap the conversation you want to open.
3 If the message has not been downloaded yet, tap and hold the message, then tap **Download message**.
4 Touch and hold the file you want to save, then select the desired option.

Organizing your messages

To delete a message

1 From your Home screen, tap , then find and tap .
2 Tap the conversation containing the message you want to delete.
3 Touch and hold the message you want to delete, then tap **Delete message** > **Delete**.

To delete conversations

1 From your Home screen, tap , then find and tap .
2 Tap , then tap **Delete conversations**.
3 Mark the checkboxes for the conversations that you want to delete, then tap > **Delete**.

To star a message

1 From your Home screen, tap , then find and tap .
2 Tap the conversation you want to open.
3 In the message you want to star, tap ☆.
4 To unstar a message, tap ★.

To view starred messages

1 From your Home screen, tap , then find and tap .
2 Tap , then tap **Starred messages**.
3 All starred messages appear in a list.

To search for messages

1 From your Home screen, tap , then find and tap .
2 Tap , then tap **Search**.
3 Enter your search keywords. The search results appear in a list.

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Calling from a message

To call a message sender

1 From your Home screen, tap , then find and tap .
2 Tap a conversation.
3 Tap the recipient name or number at the top of the screen, then select the recipient name or number from the list that appears.
4 If the recipient is saved in your contacts, tap the phone number that you want to call. If you have not saved the recipient in your contacts, tap .

To save a sender's number as a contact

1 From your Home screen, tap , then find and tap .
2 Tap > **Save**.
3 Select an existing contact, or tap **Create new contact**.
4 Edit the contact information and tap **Done**.

Messaging settings

To change your message notification settings

1 From your Home screen, tap , then find and tap .
2 Tap , then tap **Settings**.
3 To set a notification sound, tap **Notification tone** and select an option.
4 For other notification settings, check or uncheck the relevant checkboxes.

To turn the delivery report function on or off for outgoing messages

1 From your Home screen, tap , then find and tap .
2 Tap , then tap **Settings**.
3 Mark or unmark the **Delivery report** checkbox as desired.

! After the delivery report function is turned on, a check mark is displayed in messages that have been successfully delivered.

Instant messaging and video chat

You can use the Google Hangouts™ instant messaging and video chat application on your device to chat with friends who also use the application on computers, Android™ devices and other devices. You can turn any conversation into a video call with several friends, and you can send messages to friends even when they are offline. You can also view and share photos easily.

Before you start using Hangouts™, make sure that you have a working Internet connection and a Google™ account. Go to http://support.google.com/hangouts and click the "Hangouts on your Android" link to get more detailed information about how to use this application.

! The video call function only works on devices with a front camera.

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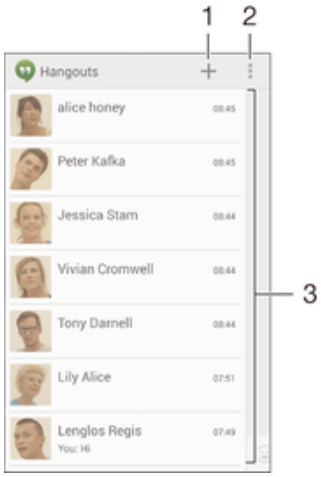

1	Start a new chat or video call
2	Options
3	List of contacts

To start an instant message or a video call

1. From your Home screen, tap .
2. Find and tap **Hangouts**.
3. Tap +, then enter a contact name, email address, phone number or circle name and select the relevant entry from the suggested list.
4. To start an instant messaging session, tap .
5. To start a video call, tap .

To reply to a chat message or join a video call

1. When someone contacts you on **Hangouts**, , or appears in the status bar.
2. Drag the status bar downward, then tap the message or video call and begin to chat.

To learn more about Hangouts™

- When the Hangouts™ application is open, tap , then tap **Help**.

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Email

Setting up email

Use the email application in your device to send and receive email messages through your email accounts. You can have one or several email accounts at the same time, including corporate Microsoft Exchange ActiveSync accounts.

To set up an email account

1. From your Home screen, tap .
2. Find and tap **Mail**.
3. Follow the instructions that appear on the screen to complete the setup.

For some email services, you may need to contact your email service provider for information on detailed settings for the email account.

To add an extra email account

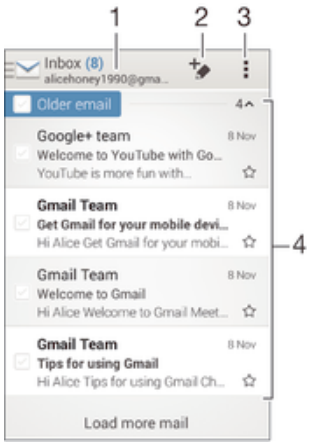
1. From your Home screen, tap .
2. Find and tap **Mail**.
3. If you are using several email accounts, tap , then tap **Add account**.
4. Enter the email address and password, then tap **Next**. If the settings for the email account cannot be downloaded automatically, complete the setup manually.
5. When prompted, enter a name for your email account so that it is easily identifiable.
6. When you are finished, tap **Next**.

To set an email account as your default account

1. From your Home screen, tap .
2. Find and tap **Mail**.
3. Press , then tap **Settings**.
4. Select the account you want to use as the default account for composing and sending email messages.
5. Mark the **Default account** checkbox. The inbox of the default account appears every time you open the email application.

If you only have one email account, this account is automatically the default account.

Sending and receiving email messages



1	View a list of all email accounts and recent folders
2	Write an email message
3	Access settings and options

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To download new email messages

1. From your Home screen, tap .
2. Find and tap **Mail**.
3. If you are using several email accounts, tap and select the account that you want to check, then tap **Inbox** in the drop down menu.
4. To download new messages, tap , then tap **Refresh**.

When the inbox is open, swipe downwards on the screen to refresh the message list.

To read your email messages

1. From your Home screen, tap .
2. Find and tap **Mail**.
3. If you are using several email accounts, tap and select the account that you want to check, then tap **Inbox** in the drop down menu. If you want to check all your email accounts at once, tap , then tap **Combined inbox**in the drop down menu.
4. In the email inbox, scroll up or down and tap the email message that you want to read.

To create and send an email message

1. From your Home screen, tap , then find and tap **Mail**.
2. If you are using several email accounts, tap and select the account from which you want to send the email, then tap **Inbox** in the drop down menu.
3. Tap , then type the recipient's name or email address, or tap and select one or more recipients from your Contacts list.
4. Enter the email subject and message text, then tap .

To reply to an email message

1. From your Home screen, tap .
2. Find and tap **Mail**.
3. In your email inbox, find and tap the message that you want to reply to, then tap **Reply** or **Reply all**.
4. Enter your reply, then tap .

To forward an email message

1. In your email inbox, find and tap the message that you want to forward, then tap **Forward**.
2. Enter the recipient's email address manually, or tap and select a recipient from your Contacts list.
3. Enter your message text, then tap .

To view an email message attachment

1. Find and tap the email message containing the attachment that you want to view. Email messages with attachments are indicated by .
2. After the email message opens, tap **Load**, The attachment starts to download.
3. After the attachment finishes downloading, tap **View**.

To save a sender's email address to your contacts

1. From your Home screen, tap .
2. Find and tap **Mail**.
3. Find and tap a message in your email inbox.
4. Tap the name of the sender, then tap **OK**.
5. Select an existing contact, or tap **Create new contact**.
6. Edit the contact information, if desired, then tap **Done**.

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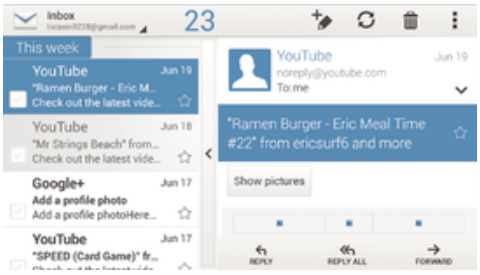
Email preview pane

A preview pane is available for viewing and reading your email messages in landscape orientation. Once activated, you can use it to view both the email message list and one selected email message at the same time.



To activate the preview pane

1. From your Home screen, tap , then find and tap **Mail**.
2. Tap , then tap **Settings**.
3. Tap **General** > **Preview pane**.
4. Select an option, or a combination of options, then tap **OK**.

To read email messages using the preview pane

1. Make sure the preview pane is activated.
2. Open your email inbox.
3. Scroll up or down and tap the email message that you want to read.
4. To view the email message in fullscreen format, tap the split bar (located between the email list and the email body).
5. To return to the regular inbox view, tap the split bar again.

Organizing your email messages

To sort your emails

1. From your Home screen, tap .
2. Find and tap **Mail**.
3. If you are using several email accounts, tap and select the account that you want to sort, then tap **Inbox** in the drop down menu. If you want to sort all your email accounts at once, tap , then tap **Combined inbox**.
4. Tap , then tap **Sort**.
5. Select a sorting option.

To search for emails

1. From your Home screen, tap , then find and tap **Mail**.
2. If you are using several email accounts, tap and select the name of the account you want to check, then tap **Inbox** in the dropdown menu. If you want to search all your email accounts at once, tap , then tap **Combined view**.
3. Tap , then tap **Search**.
4. Enter your search text, then tap on the keyboard.
5. The search result appears in a list sorted by date. Tap the email message that you want to open.

To view all folders for one email account

1. From your Home screen, tap , then find and tap **Mail**.
2. If you are using several email accounts, tap , and select the account you want to check.
3. Under the account that you want to check, select **Show all folders**.

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To delete an email message

1 In your email inbox, mark the checkbox for the message that you want to delete, then tap .
2 Tap **Delete**.

In the email inbox view, you can also flick a message to the right to delete it.

Email account settings

To remove an email account from your device

1 From your Home screen, tap .
2 Find and tap **Mail**.
3 Press , then tap **Settings**.
4 Select the account you want to remove.
5 Tap **Delete account** > **OK**.

To change the inbox check frequency

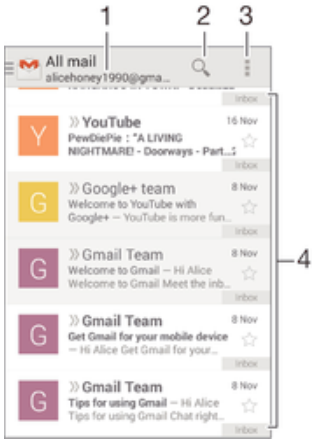
1 From your Home screen, tap .
2 Find and tap **Mail**.
3 Tap , then tap **Settings**.
4 Select the account for which you want to change the inbox check frequency.
5 Tap **Inbox check frequency** > **Check frequency** and select an option.

To set an Out of Office auto-reply in an Exchange Active Sync account

1 From your Home screen, tap , then find and tap **Mail**.
2 Press , then tap **Settings**.
3 Select the EAS (Exchange Active Sync) account for which you want to set an Out of Office auto-reply.
4 Tap **Out of office**.
5 Tap beside **Out of office** so that changes to .
6 If needed, mark the **Set time range** checkbox and set the time range for the auto reply.
7 Enter your Out of Office message in the body text field.
8 Tap **OK** to confirm.

Gmail™

If you have a Google™ account, you can use the Gmail™ application to read and write email messages.



1	View a list of all Gmail accounts and recent folders
2	Search for email messages
3	Access settings and options
4	List of email messages

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To learn more about Gmail™

- When the Gmail application is open, tap ⋮, then tap **Help**.

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Music

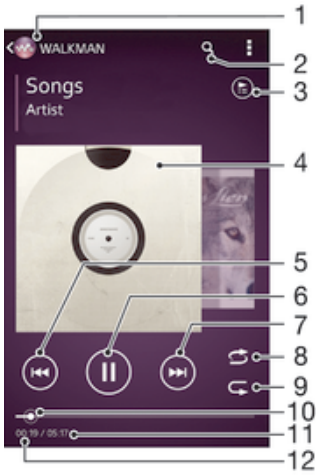
Transferring music to your device

There are different ways to get music from a computer to your device:

- Connect the device and computer using a USB cable and drag and drop music files directly into the file manager application on the computer. See *Connecting your device to a computer* on page 82.
- If the computer is a PC, you can use the Media Go™ application from Sony and organize your music files, create playlists, subscribe to podcasts, and more. To learn more and download the Media Go™ application, go to http://mediago.sony.com/enu/features.
- If the computer is an Apple® Mac®, you can use the Sony™ Bridge for Mac application to transfer your media files from iTunes to your device. To learn more and download Sony™ Bridge for Mac, go to *www.sonymobile.com/global-en/tools/bridge-for-mac/*.

Listening to music

Use the "WALKMAN" application to listen to your favorite music and audio books.



1	Browse your music
2	Search songs on Music Unlimited and all songs saved to your device
3	View the current play queue
4	Album art (if available)
5	Tap to go to the previous song in the play queue Touch and hold to rewind within the current song
6	Play or pause a song
7	Tap to go to the next song in the play queue Touch and hold to fast forward within the current song
8	Shuffle songs in the current play queue
9	Repeat all songs in the current play queue
10	Progress indicator – Drag the indicator or tap along the line to fast forward or rewind
11	Total time length of current song
12	Elapsed time of current song

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To play a song

1. From your Home screen, tap , then find and tap .
2. If the WALKMAN home screen is not displayed, tap .
3. Select a music category, for example, under **Artists**, **Albums**, or **Songs**, then browse to the song that you want to open.
4. Tap a song to play it.

! You might not be able to play copyright-protected items. Please verify that you have necessary rights in material that you intend to share.

To find song-related information online

- While a song is playing in the "WALKMAN" application, tap the album art to display the infinite button , then tap .

The infinite button gives you access to several sources of information including videos on YouTube™, lyrics, and artist info on Wikipedia.

To adjust the audio volume

- Press the volume key.

To minimize the "WALKMAN" application

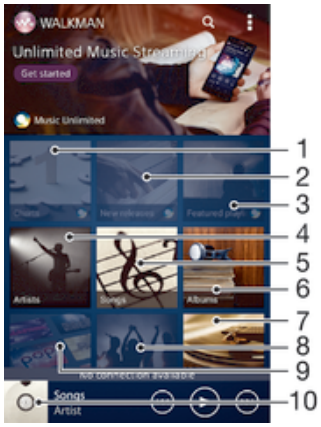
- When a song is playing, tap to go to the Home screen. The "WALKMAN" application stays playing in the background.

To open the "WALKMAN" application when it is playing in the background

1. While a song is playing in the background, tap the to open the recently used applications window.
2. Tap the "WALKMAN" application.

WALKMAN homescreen

The WALKMAN homescreen gives you an overview of all the songs on your device as well as the songs available on Music Unlimited. From here you can manage your albums and playlists, create shortcuts, and organize your music by mood and tempo using SensMe™ channels.



1	Charts provided by Music Unlimited
2	New releases provided by Music Unlimited
3	Featured playlists provided by Music Unlimited
4	Browse your music by artist
5	Browse your music by song
6	Browse your music by album
7	Browse all playlists
8	Collect links to music and related content that you and friends have shared using online services

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9	Manage and edit your music using Music Unlimited channels
10	Open the "WALKMAN" music player application

Sony Entertainment Network with Video Unlimited and Music Unlimited is not available in every market. Separate subscription required. Additional terms and conditions apply.

To display the WALKMAN home screen

1. From the Home screen, tap > .
2. If the WALKMAN home screen is not displayed, tap .

To add a shortcut to a song

1. From the WALKMAN home screen, browse to the song you want to create a shortcut for.
2. Touch and hold the song title.
3. Tap **Add as shortcut**. The shortcut now appears in the WALKMAN home screen.

You cannot add shortcuts to songs from Music Unlimited.

To rearrange shortcuts

- From the WALKMAN home screen, touch and hold a shortcut until it magnifies and your device vibrates, then drag the item to a new location.

To delete a shortcut

- From the WALKMAN home screen, touch and hold a shortcut until it magnifies and your device vibrates, then drag the item to .

You can only delete shortcuts that you create yourself.

You can also drag default shortcuts to but they only get hidden, not deleted.

To update your music with the latest information

1. From the WALKMAN home screen, tap .
2. Tap **Download music info > Start**. Your device searches online and downloads the latest available album art and song information for your music.

The SensMe™ channels application is activated when you download music information.

To enable the SensMe™ channels application

- From the WALKMAN home screen, tap , then tap **Download music info > Start**.

This application requires a cellular or Wi-Fi® network connection.

To delete a song

1. Open the WALKMAN home screen, then browse to the song you want to delete.
2. Touch and hold the song title, then tap **Delete**.

You can also delete albums this way.

Playlists

On the WALKMAN home screen, you can create your own playlists from the music that is saved on your device.

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To create your own playlists

1. Open the WALKMAN home screen.
2. To add an artist, album, or a song to a playlist, touch and hold the name of the artist or the title of the album or song.
3. In the menu that opens, tap **Add to** > **Create new playlist**.
4. Enter a name for the playlist and tap **OK**.

You can also tap the album art and then tap ➕ to create a new playlist.

To play your own playlists

1. Open the WALKMAN home screen, then tap **Playlists**.
2. Under **Playlists**, tap a playlist.
3. Tap a song to play it.

To add songs to a playlist

1. Open the WALKMAN home screen.
2. Browse to the song or album that you want to add to a playlist, then touch and hold the song or the album title.
3. Tap **Add to**.
4. Tap the name of the playlist you want to add the album or song to. The album or song is added to the playlist.

To remove a song from a playlist

1. In a playlist, touch and hold the title of the song you want to delete.
2. Tap **Delete from playlist** from the list that appears.

To delete a playlist

1. Open the WALKMAN home screen, then tap **Playlists**.
2. Touch and hold the playlist that you want to delete.
3. Tap **Delete**.
4. Tap **Delete** again to confirm.

You cannot delete default playlists.

Sharing music

To send a song

1. Open the WALKMAN home screen.
2. Browse to the song or album that you want to send, then touch and hold the song title.
3. Tap **Share**.
4. Select an application from the list, then follow the on-screen instructions.

You can also send albums and playlists in the same way.

Sharing music on Facebook™

The Friends' music function collects links to music and music-related content that you and your friends have shared using Facebook™.

To "Like" a song on Facebook™

1. While the song is playing in the "WALKMAN" application, tap the album art.
2. Tap to show that you "Like" the song on Facebook™. If desired, add a comment in the comments field.
3. Tap **Share** to send the song to Facebook™. If the song is received successfully, you will get a confirmation message from Facebook™.

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To manage music from your friends

1. Open the WALKMAN home screen, then tap **Friends' music > Recent**.
2. Tap an item to open it, then work on it as desired.
3. Tap to show that you "Like" the song on **Facebook™**. If desired, add a comment in the comments field.

To view your shared music

1. Open the WALKMAN home screen, then tap **Friends' music > My shares**.
2. Scroll to an item that you want to open, then tap it. All comments about the item, if any, are displayed.

Enhancing the sound

To improve the sound quality using the equalizer

1. When the "WALKMAN" application is open, tap .
2. Tap **Settings > Sound enhancements**.
3. To adjust the sound manually, drag the frequency band buttons up or down. To adjust the sound automatically, tap and select a style.

To turn on the surround sound

1. When the "WALKMAN" application is open, tap .
2. Tap **Settings > Sound enhancements > Settings > Surround sound (VPT)**.
3. Select a setting, then tap **OK** to confirm.

Visualizer

The Visualizer adds visual effects to your songs as you play them. The effects for each song are based on the characteristics of the music. They change, for example, in response to changes in the music's volume, rhythm, and frequency level. You can also change the background theme.

To turn on the Visualizer

1. In the "WALKMAN" application, tap .
2. Tap **Visualizer**.

Tap the screen to switch to full-screen view.

To change the background theme

1. In the "WALKMAN" application, tap .
2. Tap **Visualizer**.
3. Tap **> Theme** and select a theme.

Recognizing music with TrackID™

Use the TrackID™ music recognition service to identify a music track you hear playing in your surroundings. Just record a short sample of the song and you'll get artist, title, and album info within seconds. You can purchase tracks identified by TrackID™ and you can view TrackID™ charts to see what TrackID™ users around the globe are searching for. For best results, use TrackID™ technology in a quiet area.

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1	View TrackID options
2	View current music charts
3	View the search result history
4	Record and identify music

The TrackID™ application and the TrackID™ service are not supported in all countries/regions, or by all networks and/or service providers in all areas.

To identify music using TrackID™ technology

1. From your Home screen, tap
2. Find and tap **TrackID™**, then hold your device towards the music source.
3. Tap . If the track is recognized by the TrackID™ service, the results appear on the screen.

To return to the **TrackID™** start screen, press .

To view TrackID™ charts

- Open the **TrackID™** application, then tap **Charts**. A chart from your own region is shown.

To view TrackID™ charts from another region

1. Open the **TrackID™** application, then tap **Charts**.
2. Tap > **Regions**, then select a country or region.

To buy a track recognized by the TrackID™ application

1. After a track has been recognized by the **TrackID™** application, tap **Download**.
2. Follow the instructions in your device to complete your purchase.

You can also select a track to buy by opening the **History** or **Charts** tabs from the **TrackID™** start screen.

To share a track

1. After a track has been recognized by the **TrackID™** application, tap **Share**, then select a sharing method.
2. Follow the instructions on your device to complete the procedure.

To view artist information for a track

- After a track has been recognized by the **TrackID™** application, tap **Artist info**.

To delete a track from the track history

1. Open the **TrackID™** application, then tap **History**.
2. Tap a track title, then tap **Delete**.
3. Tap **Yes** to confirm.

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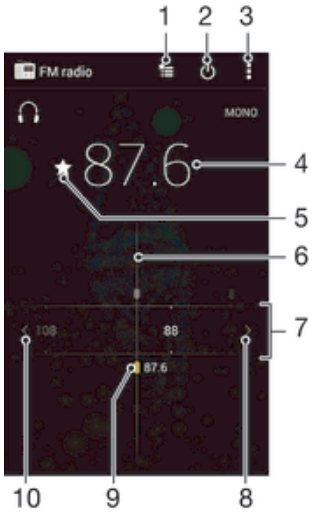
FM radio

Listening to the radio

The FM radio in your device works like any FM radio. For example, you can browse and listen to FM radio stations and save them as favorites. You must connect a wired headset or headphones to your device before you can use the radio. This is because the headset or headphones act as an antenna. After one of these devices is connected, you can then switch the radio sound to the speaker, if desired.



1	Favorites list
2	Radio on/off button
3	View menu options
4	Tuned frequency
5	Save or remove a channel as a favorite
6	Tuning dial
7	Frequency band – drag left or right to move between channels
8	Move up the frequency band to search for a channel
9	A saved favorite channel
10	Move down the frequency band to search for a channel

To listen to the FM radio

1. Connect a headset or a set of headphones to your device.
2. From your Home screen, tap .
3. Find and tap **FM radio**. The available channels appear as you scroll through the frequency band.

! When you start the FM radio, available channels appear automatically. If a channel has RDS information, it appears a few seconds after you start listening to the channel.

To move between radio channels

- Drag the frequency band left or right.

To start a new search for radio channels

1. When the radio is open, press .
2. Tap **Search for channels**. The radio scans the whole frequency band, and all available channels are displayed.

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To switch the radio sound to the speaker

1 When the radio is open, press .
2 Tap **Play in speaker**.

To switch the sound back to the wired headset or headphones, press and tap **Play in headphones**.

To identify a song on the FM radio using TrackID™

1 While the song is playing on your device's FM radio, press , then select **TrackID™**.
2 A progress indicator appears while the TrackID™ application samples the song. If successful, you are presented with a track result, or a list of possible tracks.
3 Press to return the FM Radio.

The TrackID™ application and the TrackID™ service are not supported in all countries/regions, or by all networks and/or service providers in all areas.

Favorite radio channels

To save a channel as a favorite

1 When the radio is open, navigate to the channel that you want to save as a favorite.
2 Tap ☆.
3 Enter a name and select a color for the channel, then press **Save**.

To listen to a favorite radio channel

1 Tap .
2 Select an option.

To remove a channel as a favorite

1 When the radio is open, navigate to the channel that you want to remove.
2 Tap ★, then tap **Delete**.

Sound settings

To switch between mono and stereo sound mode

1 When the radio is open, press .
2 Tap **Enable stereo sound**.
3 To listen to the radio in mono sound mode again, press and tap **Force mono sound**.

To select the radio region

1 When the radio is open, press .
2 Tap **Set radio region**.
3 Select an option.

To adjust the Visualizer

1 When the radio is open, tap .
2 Tap **Visualizer**.
3 Select an option.

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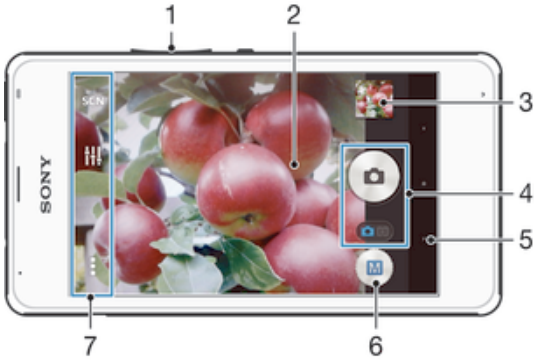
Camera

Taking photos and recording videos



1	Zoom in or out
2	Main camera screen
3	View photos and videos
4	Take photos or record video clips
5	Go back a step or exit the camera
6	Capturing mode settings icon
7	Camera settings icon and shortcut icons

To take a photo from the lock screen

1. To activate the screen, briefly press the power key .
2. To activate the camera, swipe to the left in the upper part of the screen.
3. After the camera opens, tap .

To take a photo by tapping the on-screen camera button

1. Activate the camera.
2. Point the camera toward the subject.
3. Tap the on-screen camera button . The photo is taken as soon as you release your finger.

To record a video by tapping the screen

1. Activate the camera.
2. Point the camera toward the subject.
3. Tap to start recording.
4. Tap to stop recording.

Shoot your videos in landscape orientation to get the best results.

To view your photos and videos

1. Activate the camera, then tap a thumbnail to open a photo or video.
2. Flick left or right to view your photos and videos.

To delete a photo or recorded video

1. Browse to the photo or video that you want to delete.
2. Tap the screen to make appear.
3. Tap .
4. Tap **Delete** to confirm.

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Adding the geographical position to your photos

Turn on geotagging to add the approximate geographical location (a geotag) to photos when you take them. The geographical location is determined either by wireless networks (mobile or Wi-Fi® networks) or GPS technology.

When appears on the camera screen, geotagging is turned on but the geographical position has not been found. When appears, geotagging is turned on and the geographical location is available, so your photo can get geotagged. When neither of these two symbols appear, geotagging is turned off.

To turn on geotagging

1. From your Home screen, tap .
2. Tap **Settings** > **Location services**.
3. Drag the slider beside **Access to my location** to the right.
4. Activate the camera.
5. Tap , then tap .
6. Drag the slider beside **Geotagging** to the right.
7. Tap **OK**.

General camera settings

Capturing mode settings overview

Auto Scene Recognition
Optimize your settings to suit any scene.

Manual
Adjust camera settings manually.

Picture effect
Apply effects to photos.

Sweep Panorama
Use this setting to take wide-angle, panoramic photos.

Quick launch

Use Quick launch settings to launch the camera when the screen is locked.

Launch only
When this setting is activated, you can launch the camera when the screen is locked by pressing and holding down the camera key.

Launch and capture
When this setting is activated, you can launch the camera and capture a photo automatically when the screen is locked by pressing and holding down the camera key.

Launch and record video
When this setting is activated, you can launch the camera and start capturing video when the screen is locked by pressing and holding down the camera key.

Off

Geotagging

Tag photos with details of where you took them.

Touch capture

Identify a focus area, and then touch the camera screen with your finger. The photo is taken as soon as you release your finger.

Shutter sound

Choose to turn the shutter sound on or off.

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Data storage

You can choose to save your data either to a removable SD card or to your device's internal storage.

Internal storage
Photos or videos are saved on the device memory.

SD card
Photos or videos are saved on the SD card.

White balance

This function adjusts the color balance according to the lighting conditions. The white balance setting icon is available on the camera screen.

Auto
Adjusts the color balance automatically to suit the lighting conditions.

Incandescent
Adjusts the color balance for warm lighting conditions, such as under light bulbs.

Fluorescent
Adjusts the color balance for fluorescent lighting.

Daylight
Adjusts the color balance for sunny outdoor conditions.

Cloudy
Adjusts the color balance for a cloudy sky.

! This setting is only available in **Manual** capturing mode.

Still camera settings

To adjust the still camera settings

1. Activate the camera.
2. To display all settings, tap .
3. Select the setting you want to adjust, then edit as desired.

Still camera settings overview

Resolution

Choose between several resolutions and aspect ratios before taking a photo. A photo with a higher resolution requires more memory.

3MP
2048×1536(4:3)
3-megapixel resolution with 4:3 aspect ratio. Suitable for photos you want to view on non-widescreen displays or print in high resolution.

2MP
1920×1080(16:9)
2-megapixel resolution with 16:9 aspect ratio. Suitable for photos you want to view on widescreen displays.

2MP
1632×1224(4:3)
2-megapixel resolution with 4:3 aspect ratio. Suitable for photos you want to view on non-widescreen displays or print in high resolution.

1MP
1280×720(16:9)
1-megapixel resolution with 16:9 aspect ratio. Suitable for photos you want to view on widescreen displays.

1MP
1280×960(4:3)

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1-megapixel resolution with 4:3 aspect ratio. Suitable for photos you want to view on non-widescreen displays or print in high resolution.

WVGA
800×600(4:3)
WVGA format with 4:3 aspect ratio. 800x600 pixels.

VGA
640×480(4:3)
VGA format with 4:3 aspect ratio. 640x480 pixels.

! This setting is only available in **Manual** capturing mode.

Self timer

With the self-timer you can take a photo without holding the device. Use this function to take self-portraits, or group photos where everyone can be in the photo. You can also use the self-timer to avoid shaking the camera when taking photos.

On (10 sec.)
Set a 10-second delay from when you tap the camera screen until the photo is taken.

On (2 sec.)
Set a 2-second delay from when you tap the camera screen until the photo is taken.

Off
The photo is taken as soon as you tap the camera screen.

HDR

Use the HDR (High Dynamic Range) setting to take a photo against strong backlight or in conditions where the contrast is sharp. HDR compensates for the loss of detail and produces a picture that is representative of both dark and bright areas.

! This setting is only available in **Manual** capturing mode.

Image stabilizer

When taking a photo, it can be difficult to hold the device steady. The stabilizer helps you by compensating for small movements of the hand.

! This setting is only available in **Manual** capturing mode.

Preview

You can choose to preview photos or videos just after you shoot them.

Unlimited
The preview of the photo or video appears after you shoot it.

5 seconds
The preview of the photo or video appears for 5 seconds after you shoot it.

3 seconds
The preview of the photo or video appears for 3 seconds after you shoot it.

Edit
The photo or video opens for editing after you shoot it.

Off
The photo or video is saved after you shoot it, and no preview appears.

Face registration

You can register faces with the Camera application so that the viewfinder automatically focuses on these faces when they appear in the viewfinder.

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Video camera settings

To adjust the video camera settings

1. Activate the camera.
2. Tap one of the settings icons on the screen.
3. To display all settings, tap ⋮.
4. Select the setting that you want to adjust, then make your changes.

Video camera settings overview

Video resolution

Adjust the video resolution for different formats.

VGA
640×480(4:3)
VGA format with 4:3 aspect ratio.

QVGA
320×240(4:3)
QVGA format with 4:3 aspect ratio.

MMS
Record videos suitable for sending in multimedia messages. The recording time of this video format is limited so the video file can fit in a multimedia message.

Self timer

With the self-timer you can record a video without holding the device. Use it to record group videos where everyone can be in the video. You can also use the self-timer to avoid shaking the camera when recording videos.

On (10 sec.)
Set a 10-second delay from when you tap the camera screen until the video begins to record.

On (2 sec.)
Set a 2-second delay from when you tap the camera screen until the video begins to record.

Off
The video begins to record as soon as you tap the camera screen.

Microphone

Select whether to pick up the surrounding sound when recording videos.

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Photos and videos in Album

Viewing photos and videos

Use the Pictures tab in the Album application to view photos and play videos that you've taken with your camera, or to view similar content that you've saved to your device. All photos and videos are displayed in a chronologically ordered grid.

1	View photos and videos in the Pictures tab
2	View photos and videos in the My albums tab
3	View menu options
4	The date of items in the group
5	Tap a photo or video to view it
6	Scroll up or down to view content

To view photos and videos

1. From your Home screen, tap .
2. Find and tap **Album**.
3. Tap a photo or video to view it.
4. Flick left to view the next photo or video. Flick right to view the previous photo or video.

If the screen orientation does not change automatically when you turn your device sideways, mark the **Auto-rotate screen** checkbox under **Settings** > **Display**.

To change the size of the thumbnails

- When viewing thumbnails of photos and videos in Album, spread two fingers apart to zoom in, or pinch two fingers together to zoom out.

To zoom a photo

- When you are viewing a photo, spread two fingers apart to zoom in, or pinch two fingers together to zoom out.

To watch a slideshow of your photos

1. When you are viewing a photo, tap the screen to display the toolbars, then tap > **Slideshow** to start playing all the photos in an album.
2. Tap a photo to end the slideshow.

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To watch a slideshow of your photos with music

1. When you are viewing a photo, tap the screen to display the toolbars, then tap > **SensMe™ slideshow**.
2. Select the music and theme that you want to use for the slideshow, then tap . The Album application analyses your photos and uses SensMe™ music data to play a slideshow.
3. To pause playing, tap the screen to display the controls, then tap .

To play a video

1. Open the **Pictures** tab or the **My albums** tab in Album.
2. Using grid view or list view, locate the video that you want to open.
3. Tap the video to play it.
4. If the playback controls are not displayed, tap the screen to display them. To hide the controls, tap the screen again.

To pause a video

1. When a video is playing, tap the screen to display the controls.
2. Tap .

To fast forward and rewind a video

1. When a video is playing, tap the screen to display the controls.
2. Drag the progress bar marker left to rewind, or right to fast forward.

To adjust the volume of a video

- Press the volume key.

Sharing and managing photos and videos

You can share photos and videos that you've stored on your device. You can also manage them in different ways. For example, you can work with photos in batches, delete photos and link them to contacts.

! You might not be able to copy, send, or transfer copyright-protected items. Also, some items may not send if the file size is too large.

To share a photo or video

1. In Album, find and tap the photo or video that you want to share.
2. Tap the screen to display the toolbars, then tap .
3. Tap the application that you want to use to share the photo, then follow the steps to send it.

To use a photo as a contact picture

1. When you are viewing a photo, tap the screen to display the toolbars, then tap > **Use as** > **Contact picture**.
2. If asked, select **Contacts** > **Just once**, then select a contact.

To use a photo as wallpaper

1. When you are viewing a photo, tap the screen to display the toolbars, then tap > **Use as** > **Wallpaper**.
2. Follow the instructions on the screen.

To rotate a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. Select **Rotate**. The photo is saved in the new orientation.

To delete a photo or video

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. Tap **Delete**.

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To work with batches of photos or videos in Album

1. When viewing thumbnails of photos and videos in Album, tap ⋮, then tap **Select items**.
2. Tap the items that you want to work with. Selected items are indicated by a blue frame.
3. Use the tools in the toolbars to work with your selected items.

To activate selection mode, you can also touch and hold an item until its frame turns blue. Then you can tap other items to select them.

Analyzing photos with faces in Album

You can analyze any photos on your device that feature people's faces. Once activated, the photo analysis feature stays on, and new photos get analyzed as they are added. After running an analysis, you can then group all photos of the same person in one folder.

To turn on the photo analysis feature

1. From your Home screen, tap ⋮⋮⋮.
2. Find and tap **Album** > **My albums** > **Faces**.
3. All photos on your device get analyzed and grouped in the Unnamed faces folder accordingly.

To name a face

1. In the **Faces** tile, tap the **Unnamed faces** folder, then browse to the **Other faces** folder and choose the face that you want to name.
2. Tap **Add name**.
3. Type a name, then tap **Done** > **Add as new person**.

To edit a face name

1. When you are viewing a face in full-screen view, tap the screen to display the toolbars, then tap ⋮ > **Edit name tags**.
2. Tap **OK**.
3. Tap the name of the face that you want to edit.
4. Edit the name, then tap **Done** >**Add as new person**.

Editing photos with the Photo editor application

You can edit and apply effects to original photos that you've taken with your camera. For example, you can change the light effects. After you save the edited photo, the original unchanged version of the photo remains on your device.

To edit a photo

- When you are viewing a photo, tap the screen to display the toolbars, then tap ✎.

To crop a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap ✎.
2. If prompted, select **Photo editor** > **Just once**.
3. Tap ⌗ > **Crop**.
4. Tap ▭ to select an option.
5. To adjust the crop frame, touch and hold the edge of the crop frame. When the squares at the edges disappear, drag inward or outward to resize the frame.
6. To resize all sides of the crop frame at the same time, touch and hold one of the four corners to make the squares at the edges disappear, then drag the corner accordingly.
7. To move the crop frame to another area of the photo, touch and hold inside the frame, then drag it to the desired position.
8. Tap **Apply Crop**.
9. To save a copy of the photo as you cropped it, tap **Save**.

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To apply special effects to a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. If prompted, select **Photo editor** > **Just once**.
3. Tap , then select an option.
4. Edit the photo as desired, then tap **Save**.

To improve a photo using advanced settings

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. If prompted, select **Photo editor** > **Just once**.
3. Tap , then select an option.
4. To save a copy of the edited photo, tap **Save**.

To adjust the light settings for a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. If prompted, select **Photo editor** > **Just once**.
3. Tap , then select an option.
4. To save a copy of the edited photo, tap **Save**.

To set the saturation level of colors in a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap .
2. If prompted, select **Photo editor** > **Just once**.
3. Tap , then select an option.
4. To save a copy of the edited photo, tap **Save**.

Photo albums

The My albums tab in the Album application gathers together all your photo albums, including albums of photos and videos taken with the camera as well as content that you share online via services such as PlayMemories, Picasa and Facebook. Once you are logged in to such services, you can manage content, comment on photos and videos, and view comments from friends. From the Album application, you can also add geotags to photos, perform basic editing tasks, and use methods such as Bluetooth® wireless technology, email, and messaging to share content.

The PlayMemories online service is not available in all countries or regions.

To view and add comments to online album content

1. When viewing a photo from an online album, tap the screen to display the toolbars, then tap to view the comments.
2. Enter your comments in the input field, then tap **Post**.

To "Like" a photo or video on Facebook™

- While viewing a photo or video from one of your Facebook™ albums, tap the screen to display the toolbars, then tap to show that you "Like" the item on Facebook™.

Viewing your photos on a map

Adding location information to photos is referred to as geotagging. You can view and tag your photos on a map and show friends and family where you were when you took a particular photo. See *Adding the geographical position to your photos* on page 69 for more information.

If you have turned on location detection and activated geotagging in the camera, you can tag your photos directly for map viewing at a later stage.

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1	Search a location on the map.
2	View menu options.
3	Double tap to zoom in. Pinch to zoom out. Drag to view different parts of the map.
4	A group of photos and/or videos geotagged with the same location.
5	Thumbnails of the selected group of photos and/or videos. Tap an item to view it in full screen.

If several photos were taken at the same location, only one of them appears on the map. The total number of photos appears in the top right corner, for example, . To view all photos in the group, tap the cover photo and then tap one of the thumbnails at the bottom of the screen.

To add a geotag to a photo

1. When you are viewing a photo, tap the screen to display the toolbars, then tap **Tap to set location** to open the map screen.
2. Find and tap the desired location to put the photo on the map.
3. To adjust the location of the photo, tap the location on the map where you want to move the photo to.
4. When you are done, tap **OK** to save the geotag and return to the photo viewer.

To view geotagged photos on a map

1. From your Home screen, tap .
2. Find and tap **Album** > **My albums** > **Maps**.
3. Tap a photo to view it in full screen.

To view geotagged photos on a globe

1. From your Home screen, tap .
2. Find and tap **Album** > **My albums** > **Globe**.
3. Tap a photo to view it in full screen.

To change the geotag of a photo

1. When viewing a photo on the map in Album, touch and hold the photo until its frame turns blue, then tap the desired location on the map.
2. Tap **OK**.

To change the map view

- When viewing the map in Album, tap , then select **Classic view** or **Satellite view**.

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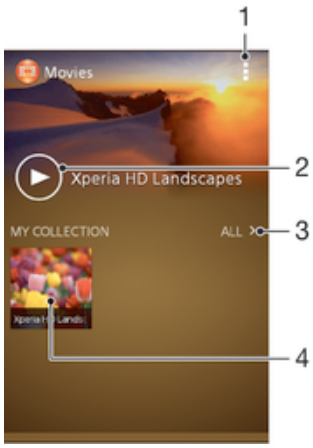
Videos

Watching videos in the Movies application

Use the Movies application to play movies and other video content that you've saved or downloaded to your device. The Movies application also helps you get poster art, plot summaries, genre info, and director details for each movie. You can also play your movies on other devices that are connected to the same network.

! Videos taken with your device's camera are displayed in the Album application, not in the Movies application.

! Some video files may not be playable in the Movies application.



1	View menu options
2	Tap to play your most recently watched video
3	Browse all videos downloaded or saved to your device
4	Tap to play saved or downloaded video files

To play a video in Movies

1. From your Home screen, tap , then find and tap **Movies**.
2. Find and tap the video that you want to play. If the video is not displayed on the screen, tap **All** in the **My Collection** tab, then find and tap the video that you want to play.
3. To display or hide the controls, tap the screen.
4. To pause playing, tap . To resume playing, tap .
5. To rewind, drag the progress bar marker to the left. To fast forward, drag the progress bar marker to the right.

To change settings in Movies

1. From your Home screen, tap , then find and tap **Movies**.
2. Tap > **Settings**, then change the settings as desired.

To change the sound settings while a video is playing

1. While a video is playing, tap the screen to display the controls.
2. Tap , then tap **Sound settings**.
3. Mark the checkboxes for the sound settings that you want to activate.
4. When you're finished, tap **OK**.

To share a video

1. When a video is playing, tap , then tap **Share**.
2. In the menu that opens, tap the application that you want to use to share the selected video, then follow the relevant steps to send it.

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Transferring video content to your device

Before you start using the Movies application, it's a good idea to transfer movies, TV shows, and other video content to your device from other devices, such as a computer. There are several ways to transfer your content:

- Connect your device to a computer using a USB cable and drag and drop the video files directly using the file manager application on the computer. See *Connecting your device to a computer* on page 82.
- If you have a PC, use the Media Go™ application from Sony™ to organize content and transfer video files to your device via the PC. To learn more and download the Media Go™ application, go to http://mediago.sony.com/enu/features.
- If your computer is an Apple® Mac®, you can use Sony™ Bridge for Mac to transfer video files from iTunes to your device. To learn more and download Sony™ Bridge for Mac, go to *www.sonymobile.com/global-en/tools/bridge-for-mac/*.

Managing video content

To get movie information manually

1. Make sure your device has an active data connection.
2. From your Home screen, tap , then find and tap **Movies**.
3. Tap **All** in the **My Collection** tab to browse to the thumbnail of a file that you want to get information about.
4. Touch and hold the thumbnail for the video, then tap **Search for info**.
5. If prompted, allow your device to download video details using your mobile data connection.
6. In the search field, enter keywords for the video, then tap the confirm key on the keyboard. All matches are displayed in a list.
7. Select a search result, then tap **Done**. The download of the information begins.

! You can get information about newly added videos automatically every time the Movies application opens if you mark the **Get video details** checkbox under Settings. Data transmission charges may apply.

If the downloaded information is not correct, search again using different keywords.

To clear information about a video

1. From your Home screen, tap , then find and tap **Movies**.
2. Tap **All** in the **My Collection** tab to browse to the video that you want to edit.
3. Touch and hold the video thumbnail, then tap **Clear info**.

To delete a video

1. From your Home screen, tap , then find and tap **Movies**.
2. Tap **All** in the **My Collection** tab to browse to the video that you want to delete.
3. Touch and hold the video thumbnail, then tap **Delete** from the list that appears.
4. Tap **Delete** again to confirm.

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Connectivity

Bluetooth® wireless technology

Use the Bluetooth® function to send files to other Bluetooth® compatible devices, or to connect to hands-free accessories. Turn on the Bluetooth® function in your device and create wireless connections to other Bluetooth® compatible devices such as computers, hands-free accessories, and phones. Bluetooth® connections work better within 33 feet (10 meters), with no solid objects in between. In some cases you have to manually pair your device with other Bluetooth® devices.

! Interoperability and compatibility among Bluetooth® devices can vary.

To turn on the Bluetooth® function and make your device visible

1. Drag the status bar downward, then tap .
2. Tap the on-off switch beside **Bluetooth** to turn on the Bluetooth® function.
3. Tap **Bluetooth**. Your device and a list of available Bluetooth® devices appear.
4. Tap your device name to make your device visible to other Bluetooth® devices.

To adjust your device's visibility time to other Bluetooth® devices

1. Drag the status bar downward, then tap .
2. Find and tap **Bluetooth**.
3. Press and select **Visibility timeout**.
4. Select an option.

Naming your device

You can give your device a name. This name is shown to other devices after you have turned on the Bluetooth® function and your device is set to visible.

To give your device a name

1. Make sure the Bluetooth® function is turned on.
2. Drag the status bar downward, then tap .
3. Find and tap **Bluetooth**.
4. Tap and select **Rename phone**.
5. Enter a name for your device.
6. Tap **Rename**.

Pairing with another Bluetooth® device

When you pair your device with another device, you can, for example, connect your device to a Bluetooth® headset or a Bluetooth® car kit and use these other devices to share music.

Once you pair your device with another Bluetooth® device, your device remembers this pairing. When pairing your device with a Bluetooth® device, you may need to enter a passcode. Your device will automatically try the generic passcode 0000. If this does not work, refer to the user guide for your Bluetooth® device to get the device passcode. You do not need to re-enter the passcode the next time you connect to a previously paired Bluetooth® device.

! Some Bluetooth® devices, for example, most Bluetooth® headsets, require you to both pair and connect with the other device.

! You can pair your device with several Bluetooth® devices, but you can only connect to one Bluetooth® profile at the same time.

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To pair your device with another Bluetooth® device

1. Make sure the device you want to pair your device with has the Bluetooth® function activated and is visible to other Bluetooth® devices.
2. Drag the status bar downward, then tap .
3. Find and tap **Bluetooth**. All available Bluetooth® devices appear in a list.
4. Tap the Bluetooth® device that you want to pair with your device.
5. Enter a passcode, if required, or confirm the same passcode on both devices. Your device and the Bluetooth® device are now paired.

To connect your device to another Bluetooth® device

1. If you are connecting to a Bluetooth® device that requires you to first pair your device before connecting, follow the relevant steps to pair your device with that device.
2. Drag the status bar downward, then tap .
3. Find and tap **Bluetooth**.
4. Tap the Bluetooth® device you want to connect your device to.

To unpair a Bluetooth® device

1. Drag the status bar downward, then tap .
2. Find and tap **Bluetooth**.
3. Under **Paired devices**, tap beside the name of the device you want to unpair.
4. Tap **Unpair**.

Sending and receiving items using Bluetooth® technology

Share items with other Bluetooth® compatible devices such as phones or computers. You can send and receive several kinds of items using the Bluetooth® function, such as:

- Photos and videos
- Music and other audio files
- Contacts
- Web pages

To send items using Bluetooth®

1. **Receiving device:** Make sure the Bluetooth® function is turned on and that the device is visible to other Bluetooth® devices.
2. **Sending device:** Open the application which contains the item that you want to send, and scroll to the item.
3. Depending on the application and on the item that you want to send, you may need to, for example, touch and hold the item, open the item, and press . Other ways to send an item may exist.
4. Select **Bluetooth**.
5. Turn on Bluetooth® if you are asked to do so.
6. Tap the name of the receiving device.
7. **Receiving device:** If asked, accept the connection.
8. **Sending device:** If asked, confirm the transfer to the receiving device.
9. **Receiving device:** Accept the incoming item.

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To receive items using Bluetooth®

1. Make sure that the Bluetooth® function is on and is visible to other Bluetooth® devices.
2. The sending device now starts sending data to your device.
3. If prompted, enter the same passcode on both devices, or confirm the suggested passcode.
4. When you are notified of an incoming file to your device, drag the status bar downward and tap the notification to accept the file transfer.
5. Tap **Accept** to start the file transfer.
6. To view the progress of the transfer, drag the status bar downward.
7. To open a received item, drag the status bar downward and tap the relevant notification.

To view files you have received using Bluetooth®

1. Drag the status bar downward, then tap .
2. Find and tap **Bluetooth**.
3. Press and select **Show received files**.

Connecting your device to a computer

Connect your device to a computer and start transferring pictures, music, and other file types. The easiest ways to connect are using a USB cable or Bluetooth wireless technology.

When you connect your device to the computer using a USB cable, you are prompted to install the PC Companion application on your computer. PC Companion helps you access additional computer applications to transfer and organize media files, update your device, synchronize device content, and more.

! You might not be able to transfer some copyright-protected material between your device and a computer.

Transferring and handling content using a USB cable

Use a USB cable connection between a computer and your device for easy transfer and management of your files. Once the two devices are connected, you can drag and drop content between your device and the computer, or between your device's internal storage and SD card, using the computer's file explorer.

If you're transferring music, video, pictures or other media files to your device, it's best to use the Media Go™ application on your computer. Media Go™ converts media files so that you can use them on your device.

To transfer content between your device and computer using a USB cable

1. Connect your device to a computer using a USB cable. **Internal storage & SD card connected** appears in the status bar on the screen of your device.
2. **Computer**: Open Microsoft® Windows® Explorer from the desktop and wait until your device's internal storage and your SD card appear as external disks in Microsoft® Windows® Explorer.
3. **Computer**: Drag and drop the desired files between your device and the computer.

To transfer content between internal storage and an SD card via USB

1. Connect your device to a computer using a USB cable. **Internal storage & SD card connected** appears in the status bar on the screen of your device.
2. **Computer**: Open Microsoft® Windows® Explorer from the desktop and wait until your device's internal storage and your SD card appear as external disks in Microsoft® Windows® Explorer.
3. **Computer**: Drag and drop the desired files between the device's internal storage and the SD card.

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To transfer files directly from internal storage to an SD card in the device

1. From your Home screen, tap .
2. Find and tap **Settings** > **Storage** > **Transfer data to SD card**.
3. Mark the file types you want to transfer to the SD card.
4. Tap **Transfer**.

The direct transfer method means that a USB cable connection to a computer is not necessary.

Transferring files using Media transfer mode via Wi-Fi®

You can transfer files between your device and other MTP compatible devices, such as a computer, using a Wi-Fi® connection. Before connecting, you first need to pair the two devices. If you're transferring music, video, pictures or other media files between your device and a computer, it's best to use the Media Go™ application on the computer. Media Go™ converts media files so that you can use them on your device.

In order to use this feature, you need a Wi-Fi® enabled device that supports Media transfer, for example, a computer running Microsoft® Windows Vista® or Windows® 7.

To pair your device wirelessly with a computer using Media transfer mode

1. Make sure Media transfer mode is enabled on your device. It is normally enabled by default.
2. Connect your device to the computer using a USB cable.
3. **Computer**: Once the name of your device appears on the screen, click *Network configuration* and follow the instructions to pair the computer.
4. When you are finished pairing, disconnect the USB cable from both devices.

The above instructions only work if Windows® 7 is installed on your computer and the computer is connected to a Wi-Fi® Access Point via a network cable.

To connect paired devices wirelessly in Media transfer mode

1. Make sure Media transfer mode is enabled on your device. It is normally enabled by default.
2. Drag the status bar downward, then tap .
3. Tap **Xperia™ Connectivity** > **USB Connectivity**.
4. Tap the paired device that you want to connect to under **Trusted devices**.
5. Tap **Connect**.

Make sure the Wi-Fi® function is turned on.

To disconnect a wirelessly paired device in Media transfer mode

1. Drag the status bar downward, then tap .
2. Tap **Settings** > **Xperia™ Connectivity** > **USB Connectivity**.
3. Tap the paired device that you want to disconnect from under **Trusted devices**.
4. Tap **Disconnect**.

To remove a pairing with another device

1. Drag the status bar downward, then tap .
2. Tap **Settings** > **Xperia™ Connectivity** > **USB Connectivity**.
3. Tap the paired device that you want to remove.
4. Tap **Forget**.

PC Companion

PC Companion is a computer application that gives you access to additional features and services which help you transfer music, video, and pictures to and from your device. You can also use PC Companion to update your device and get the latest software version available. The installation files for PC Companion are saved on your device and the installation is launched from the device when you connect it to a computer via USB cable.

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You need an internet connected computer running one of the following operating systems to use the PC Companion application:

- Microsoft® Windows® 7
- Microsoft® Windows® 8
- Microsoft® Windows Vista®
- Microsoft® Windows® XP (Service Pack 3 or higher)

To install PC Companion on a PC

1. Connect your device to a PC using a USB cable.
2. **Device**: Tap **Install** in the software installation window.
3. **Computer**: The PC Companion installer starts automatically after a few seconds. Follow the on-screen instructions to install PC Companion.

The software installer is enabled by default on your device. You can disable this option in your device settings.

To start PC Companion

1. Make sure that PC Companion is installed on your PC.
2. Open the PC Companion application on the PC, then click **Start** to open one of the features you want to use.

Using a headset

Use the accessories provided with your device, or other compatible accessories, for optimal performance.

To use a headset

1. Connect the headset to your device.
2. To answer a call, press the call handling key.
3. To end the call, press the call handling key.

If a headset is not included with the device, you may purchase one separately.

If you are listening to music, the music stops when you answer a call and resumes after you end the call.

Smart Connect

Use the Smart Connect application to set what happens in your device when you connect or disconnect an accessory. You can also use Smart Connect to set a specific action or a group of actions to launch on your device at certain times of the day.

For example, when you connect your headset, you can create an event so that the following actions are launched on your device:

- Between 7am and 9am, when you commute to work, the "WALKMAN" application starts, and the web browser opens the morning paper. The ring volume is set to vibrate.
- On the way back from work, the FM radio starts, and a notes app opens showing your shopping list.

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To start the Smart Connect application

1. From your Home screen, tap .
2. Find and tap .

To create a Smart Connect event

1. Start the Smart Connection application. If you are opening Smart Connect for the first time, tap **OK** to close the introduction screen.
2. Tap +.
3. Give the event a name, then tap **Create**.
4. Under **When**, add either an accessory or a time interval, or both.
5. Under **Do this**, add what you want to happen when connecting accessory or at the specified time in your device.
6. Under **At the end**, add what you want to happen when you disconnect the accessory or when the time interval comes to an end. If both these conditions are set, the actions start either when you disconnect the accessory, or when the time interval comes to an end.

To add a Bluetooth® accessory, you have to first pair it with your device.

To edit a Smart Connect event

1. Start the Smart Connection application.
2. On the **Events** tab, tap an event.
3. If the event is switched off, drag the slider to the right.
4. Adjust the settings as desired.

To remove an event, tap the event's row, then tap > **Delete event** and tap **Delete** to confirm.

Managing devices

Use the Smart Connect application to manage a range of smart accessories that you can connect to your device, including SmartTags, SmartWatch, and Smart Wireless Headset pro from Sony. Smart Connect downloads any necessary applications and also finds third-party applications, when available. Previously connected devices show in a list that allows you to get more information about the features of each device.

To pair and connect an accessory

1. Start the Smart Connection application. If you are opening Smart Connect for the first time, tap **OK** to close the introduction screen.
2. Tap **Devices**, then tap +.
3. Tap **OK** to start searching for devices.
4. In the search result list, tap the name of the device that you want to add.

To adjust the settings for a connected accessory

1. Pair and connect the accessory with your device.
2. Start the Smart Connection application.
3. Tap **Devices**, then tap the name of the connected accessory.
4. Adjust the desired settings.

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Travel and maps

Using location services

Location services allow applications such as Maps and the camera to use information from cellular and Wi-Fi® networks as well as Global Positioning System (GPS) information to determine your approximate location. If you're not within a clear line of sight of GPS satellites, your device can determine your location using the Wi-Fi® function. And if you're not within range of a Wi-Fi® network, your device can determine your location using your cellular network.

In order to use your device to find out where you are, you need to enable location services.

To enable location services

1. Drag the status bar downward, then tap .
2. Tap **Location services**.
3. Drag the slider beside **Access to my location** to the right.
4. Tap **Agree** twice to confirm.

! When you enable location services, both **GPS satellites** and **Google's location service** (Wi-Fi and cellular networks) get enabled by default. You can disable either option manually.

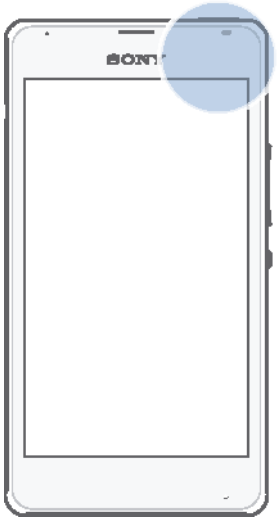
To allow Google apps to access your location

1. Drag the status bar downward, then tap .
2. Tap **Google** > **Location settings**.
3. Drag the slider beside **Let Google apps access your location** to the right.

! You must be logged into your Google™ account to be able to use location services.

Improving GPS accuracy

The first time you use the GPS function in your device, it can take 5 to 10 minutes for your location to be found. To help the search, make sure you have a clear view of the sky. Stand still and don't cover the GPS antenna (the highlighted area in the image). GPS signals can pass through clouds and plastic, but not through most solid objects such as buildings and mountains. If your location isn't found after a few minutes, move to another location.



Google Maps™ and navigation

Use Google Maps™ to track your current location, view real-time traffic situations, and receive detailed directions to your destination.

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When you view a map, you use data traffic to get an Internet connection, and data is transferred to your device. So it's a good idea to save a map and make it available offline before you take a trip. This way, you can avoid high roaming costs.

! The Google Maps™ application requires the use of an Internet connection when used online. You may incur data connection charges when you connect to the Internet from your device. Contact your network operator for more information. The Google Maps™ application may not be available in every market, country, or region.

1	Enter an address or name to search for a location, for example, a restaurant's name or address.
2	Select a transportation mode and get directions to your destination.
3	View your account profile.
4	Location mark – shows a searched location on the map.
5	Show your current location.
6	View help and options.

To show your location on the map

1 From your Home screen, tap .
2 Find and tap **Maps**, then tap .

To search for a location

1 From your Home screen, tap .
2 Find and tap **Maps**.
3 In the search field, enter the name of the location you want to find.
4 Tap the Enter key on the keyboard to start the search, or select a suggested location from the list. If the search is successful, the location is indicated by on the map.

To get directions

1 While viewing a map, tap .
2 Select a transportation mode, then enter your starting point and your destination. The recommended routes appear in a list.
3 Tap an option from the list of recommended routes to view the directions on a map.

To make a map available offline

1 While viewing a map, tap the search field.
2 Scroll to the bottom and tap **Make this map area available offline**. The area shown on the map gets saved to your device.

To learn more about Google Maps™

- When you use Google Maps™, tap , then tap **Help**.

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Using data traffic when traveling

When you travel outside of your home cellular network, you might need to access the Internet using cellular data traffic. In this case, you need to activate data roaming on your device. It is recommended to check the relevant data transmission charges in advance.

To activate or deactivate data roaming

1. Drag the status bar downward, then tap .
2. Tap **More… > Mobile networks**.
3. Mark or unmark the **Data roaming** checkbox.

! You can’t activate data roaming when mobile data has been turned off.

Airplane mode

In Airplane mode, the network and radio transceivers are turned off to prevent disturbance to sensitive equipment. However, you can still play games, listen to music, watch videos and other content, as long as all this content is saved on your memory card or internal storage. You can also be notified by alarms, if alarms are activated.

Turning on Airplane mode reduces battery consumption.

To turn on Airplane mode

1. From your Home screen, tap .
2. Find and tap **Settings > More…**.
3. Mark the **Airplane mode** checkbox.

You can also press and hold down the power key and then select **Airplane mode** in the menu that opens.

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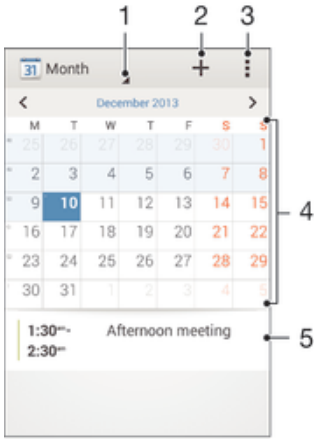
Calendar and alarm clock

Calendar

Use the Calendar application to manage your time schedule. If you have signed into and synchronized your device with one or several online accounts that include calendars, for example, your Google™ account or Xperia™ with Facebook account, then calendar events from these accounts will also appear in the Calendar application. You can select which calendars you want to integrate into the combined Calendar view.

When an appointment time approaches, your device plays a notification sound to remind you. Also, 31 appears in the status bar.

You can also synchronize your Outlook calendar with your device using PC Companion. If you do so, all appointments from your Outlook calendar will appear in the calendar view of your device. For more information, see *PC Companion* on the 83 page.



1	Select a view type
2	Add a calendar event
3	Access settings and other options
4	Flick left or right to browse more quickly
5	Agenda for the selected day

To create a calendar event

1. From your Home screen, tap , then tap **Calendar**.
2. Tap +.
3. If you have synchronized your calendar with one or more accounts, select the account you want to add this event to. If you only want to add this event on your device, tap **Device calendar**.
4. Enter or select the desired information and add attendees to the event.
5. To save the event and send out invitations, tap **Done**.

To view a calendar event

1. From your Home screen, tap , then tap **Calendar**.
2. Tap the event you want to view.

To view multiple calendars

1. From your Home screen, tap , then find and tap **Calendar**.
2. Tap , then tap **Calendars**.
3. Tap to select the calendars you want to view.

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To zoom the calendar view

- When the **Week** or the **Day** view is selected, pinch the screen to zoom in.

Alarm and clock

You can set one or several alarms and use any sound saved on your device as the alarm signal. The alarm does not sound if your device is turned off. But it does sound when the device is set to silent mode.

The alarm time format displayed is the same as the format you select for your general time settings, for example, 12-hour or 24-hour.

1	Access the alarm homescreen
2	View a world clock and adjust settings
3	Access the stopwatch function
4	Access the timer function
5	Open date and time settings for the clock
6	Turn an alarm on or off
7	View options
8	Add a new alarm

To set a new alarm

1. From your Home screen, tap .
2. Find and tap **Alarm & clock**.
3. Tap +.
4. Tap **Time** and adjust the time by scrolling up and down.
5. Tap **Set**.
6. If desired, edit other alarm settings.
7. Tap **Done**.

To snooze an alarm when it sounds

- Tap **Snooze**.

To turn off an alarm when it sounds

- Slide to the right.

To edit an existing alarm

1. Open the Alarm & clock application, then tap the alarm you want to edit.
2. Make the desired changes.
3. Tap **Done**.

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To turn an alarm on or off

- Open the Alarm & clock application, then drag the slider next to the alarm to the on or off position.

To delete an alarm

1. Open the Alarm & clock application, then touch and hold the alarm that you want to delete.
2. Tap **Delete alarm**, then tap **Yes**.

To set the sound for an alarm

1. Open the Alarm & clock application, then tap the alarm you want to edit.
2. Tap **Alarm sound** and select an option, or tap ♫ to select from your music files.
3. Tap **Done** twice.

To set a recurring alarm

1. Open the Alarm & clock application, then tap the alarm you want to edit.
2. Tap **Repeat**.
3. Mark the checkboxes for the desired days, then tap **OK**.
4. Tap **Done**.

To activate the vibrate function for an alarm

1. Open the Alarm & clock application, then tap the alarm you want to edit.
2. Mark the **Vibrate** checkbox.
3. Tap **Done**.

To set alarms to sound when the device is in silent mode

1. Open the Alarm & clock application, then tap the alarm you want to edit.
2. Mark the **Alarm in silent mode** checkbox, then tap **Done**.

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Support and maintenance

Support for your device

Use the Support application in your device to search a User guide, read troubleshooting guides, and find information about software updates and other product-related information.

To access the Support application

1. From your Home screen, tap .
2. Find and tap , then select the required support item.

Make sure that you have a working Internet connection, preferably over Wi-Fi®, to limit data traffic charges when using the Support application.

Help in menus and applications

Some applications and settings have help available in the options menu, which is normally indicated by in the specific applications.

Updating your device

Update your device to the most recent software version to get optimal performance and the latest enhancements. You can use the Update center application on your device to run a wireless update or you can use the PC Companion application on a computer to run an update using a USB cable connection.

If you update wirelessly, you can use either a cellular network or a Wi-Fi® network connection. Make sure you back up and save all data stored on your device before you run an update.

New software releases may not be compatible with all devices. When you run an update using the Update center application, a data connection is established and related charges may be incurred. Also, the availability of updates over a cellular network depends on your operator. Contact your network operator for more information.

To check for new software

1. From your Homescreen, tap .
2. Find and tap **Update Center**.
3. To check that you have the latest system software installed, tap **System**. To check for updates to applications installed on your device, tap **Updates**.

Updating your device wirelessly

Use the Update Center application to update your device wirelessly. It handles both application updates and system updates and can also facilitate the download of new applications developed for your device. The updates that you can download over a cellular network depend on your operator. It is recommended to use a Wi-Fi® network instead of a cellular network to download new software so that you can avoid data traffic costs.

To download and install a system update

1. From your Homescreen, tap .
2. Find and tap **Update Center** > **System**.
3. Select the desired system update, then tap .
4. When the download is finished, tap and follow the on-screen instructions to complete the installation.

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To download and install application updates

1. From your Homescreen, tap .
2. Find and tap **Update Center** > **System**.
3. To download a particular application update, select the update, then tap . To download all available application updates, tap . Updates install automatically after download.

Updating your device using a computer

You can download and install software updates on your device using a computer with an Internet connection. You need a USB cable and a PC running the PC Companion application.

If you don't have the PC Companion application installed on the PC, connect your device to the computer using a USB cable and follow the on-screen installation instructions.

To update your device using a computer

1. Be sure to have the PC Companion application installed on your PC.
2. Using a USB cable, connect your device to the computer.
3. **Computer**: Launch the PC Companion application. After a few moments, the computer detects your device and searches for new software.
4. **Computer**: If a new software update is detected, a popup window appears. Follow the on-screen instructions to run the relevant software updates.

IMEI number

Every device has a unique IMEI (International Mobile Equipment Identity) number. You should keep a copy of this number. If your device is stolen, your network provider can use your IMEI number to stop the device from accessing the network in your country.

To view your IMEI number

- Turn off your device, then remove the battery cover and battery to view your IMEI number.
- Open the phone dialer on your device and enter *#06#.

To view your IMEI number in the device

1. From your Home screen, tap .
2. Find and tap **Settings** > **About phone** > **Status**.
3. Scroll to **IMEI** to view the **IMEI** number.

Battery and power management

You can keep track of your battery consumption and see which applications are using the most power. You can also view an estimate of how much time is left before your battery runs out. The estimated battery time is based on your most recent usage pattern.

To make the battery last longer, you can use one or more battery-saving modes, which include STAMINA mode, Low battery mode, and Location-based Wi-Fi®. Each mode works in a different way and controls several power-consuming functions on your device.

To view which applications use the most battery power

1. From your Home screen, tap .
2. Find and tap **Settings** > **Power management** > **Battery usage**.

To view the estimated battery time

1. From your Home screen, tap .
2. Find and tap **Settings** > **Power management**.

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Improving battery time using STAMINA mode

STAMINA mode turns off functions that you don't need when your device isn't in use. For example, STAMINA mode can pause your Wi-Fi® connection, data traffic and several power consuming applications when your device is powered on but the screen is inactive. So you save the battery but can still receive phone calls, texts and multimedia messages as they come in. You can also exclude individual applications from being paused by STAMINA mode. Once you activate the screen, all paused functions are resumed.

To activate STAMINA mode

1. Drag the status bar downwards, then tap .
2. Find and tap **Power management**.
3. Drag the slider beside **STAMINA mode** to the right, then tap **Activate**. appears in the status bar when STAMINA mode is activated.

To select which applications to run in STAMINA mode

1. From your Home screen, tap .
2. Find and tap **Settings** > **Power management**, then tap **STAMINA mode**.
3. Add or remove applications, as desired.
4. When you're finished, tap **Done**.

Improving battery time using Low battery mode

Use the **Low battery mode** feature to automatically start saving power when the battery reaches a certain charge level. You can set and readjust this charge level as desired. You can also decide which functions to keep active, for example, mobile data traffic, Wi-Fi® or auto-sync.

To activate Low battery mode

1. Drag the status bar downwards, then tap .
2. Find and tap **Power management**.
3. Drag the slider beside **Low battery mode** to the right.

To change the settings for Low battery mode

1. From your Home screen, tap .
2. Find and tap **Settings** > **Power management**.
3. To open the settings menu, tap **Low battery mode**.
4. Adjust the settings as desired.
5. When you're finished, tap .

Improving battery time using Location-based Wi-Fi®

The **Location-based Wi-Fi** feature sets your device to only activate the Wi-Fi® function when it comes within range of a saved Wi-Fi® network. This way you save battery power but still have the convenience of automatic Wi-Fi® connections.

To activate the Location-based Wi-Fi® feature

1. From your Home screen, tap .
2. Find and tap **Settings** > **Power management**.
3. Drag the slider beside **Location-based Wi-Fi** to the right.

Memory and storage

Your device has different types of memory and storage possibilities for photos, apps, and other files:

- The **internal storage** is about **2** GB and is used to store downloaded or transferred content along with personal settings and data. Examples are alarm, volume and language settings, emails, bookmarks, call logs, contacts, messages, calendar events, photos, videos, and music.
- You can use a removable **memory card** of up to **32** GB to get more storage space. Most applications can read data from a memory card but only certain apps can save

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files to this type of memory. You can, for example, set the camera application to save photos directly to the memory card.

- The **dynamic memory (RAM)** is about **512** MB and cannot be used for storage. RAM is used to handle running applications and the operating system.

! You may have to purchase a memory card separately.

Read more about the use of memory in Android devices by downloading the white paper for your device at *www.sonymobile.com/support*.

Improving memory performance

The memory in your device tends to fill up as a result of normal usage. If the device starts to slow down, or applications suddenly shut down, you should consider the following:

- Always have more than **100** MB of free internal storage and more than **100** MB of free RAM.
- Close down running applications that you are not using.
- Clear the memory cache for all applications.
- Uninstall downloaded applications that you don't use.
- Transfer photos, videos, and music from the internal memory to the memory card.
- If your device can't read content on the memory card, you may need to format it.

To view the memory status

1. From your Home screen, tap .
2. Find and tap **Settings** > **Storage**.

To view the amount of free and used RAM

1. From your Home screen, tap .
2. Find and tap **Settings** > **Apps** > **Running**.

To clear the memory cache for all applications

1. From your Home screen, tap .
2. Find and tap **Settings** > **Storage**.
3. Tap **Cached data** > **OK**.

! When you clear the memory cache, you don't lose any important information or settings.

To transfer media files to the memory card

1. Make sure you have a memory card inserted in your device.
2. From your Home screen, tap .
3. Find and tap **Settings** > **Storage** > **Transfer data to SD card**.
4. Mark the file types you want to transfer to the memory card.
5. Tap **Transfer**.

To stop applications and services from running

1. From your Home screen, tap .
2. Find and tap **Settings** > **Apps** > **Running**.
3. Select an application or service, then tap **Stop**.

To format the memory card

1. From your Home screen, tap .
2. Find and tap **Settings** > **Storage** > **Erase SD card**.
3. To confirm, tap **Erase SD card** > **Erase everything**

! All content on the memory card gets erased when you format it. Be sure to make backups of all data that you want to save before formatting the memory card. To back up your content, you can copy it to a computer. For more information, see *Connecting your device to a computer* on the 82page.

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Resetting your device

You can reset your device to its original settings, with or without deleting all of your personal data. Before you perform a reset, make sure to back up any important data saved on your device.

To perform a factory data reset

! To avoid permanent damage to your device, do not restart your device while a reset procedure is underway.

1. Before you start, be sure to back up any important data that is saved on the internal memory of your device to a memory card or other non-internal memory.
2. From your Home screen, tap .
3. Find and tap **Settings > Backup & reset > Factory data reset**.
4. To delete information, such as pictures and music, from your internal storage, mark the **Erase internal storage** checkbox.
5. Tap **Reset phone**.
6. To confirm, tap **Erase everything**.

Recycling your phone

Got an old phone lying around the house? Why not recycle it? By doing so, you will help us reuse its materials and components, and you'll protect the environment, too! Find out more about the recycling options in your region at *blogs.sonymobile.com/about-us/sustainability/commitment/overview/*.

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Important information

Important information leaflet

Before you use your device, please read the Important information leaflet provided in the Setup guide in your device or in the box.

To access the setup guide manually

1 From the Home screen, tap .
2 Tap **Settings** > **Setup guide**.

Limitations to services and features

Some of the services and features described in this User guide are not supported in all countries/regions or by all networks and/or service providers in all areas. Without limitation, this applies to the GSM International Emergency Number, 112. Please contact your network operator or service provider to determine availability of any specific service or feature and whether additional access or usage fees apply.

Use of certain features and applications described in this guide may require access to the Internet. You may incur data connection charges when you connect to the Internet from your device. Contact your wireless service provider for more information.

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Remove the battery to see regulatory information such as the CE mark.

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